DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2023-2024 Even Semester

VALUE ADDED COURSE

On

"MASTERING THE ART OF CODING-JAVA PROGRAMMING"

2021-2025 Batch Students

III CSE & III ADS

No of Participants: 60

COURSE COORDINATOR

Mr.V.Rajesh Kannan ,AP - CSE

Mr.R.Kumaravel,   AP – CSE

Mr.G.Praveen Kumar,AP-CSE

HOD – CSE

Dr. A. Meenakshi

Prof – CSE

Verified

27/4/2024

VAC Incharge

G. ... – CSE

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G Chidambara Nadar - C.Nagammal Campus
S.P.G.C Nagar, K.Vellakulam ~ 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2023-2024 Even Semester

1	Academic Year	:2023-2024
2	Regulations	:R2021
3	Department Name	: Computer Science and Engineering
4	Name of the Value - Added Course	: Mastering the Art of Coding-Java Programming"
5	No of Credits	: 2
6	Category	~~Theory/Lab~~/Hands-on/~~Skill based etc.~~
7	Name and Details of the Joint – Organization (Industry/NGO etc) if any	HRLytics Private Limited,Bangalore.
8	Resource Person Details:	Dr.A.Sasidharan, Trainer,HRLytics Pvt Ltd,Bangalore.
9	Three Member Committee Details	Dr.R.Muthuselvi Dr.P.Praveen Kumar Dr.G.Nirmala
10	VAC Coordinator Details	Dr.G.Nirmala Dr.G.Uma Maheswari
11	Duration (30H Mandatory)	45 Hours
12	Period(From- To)	12.02.24 to 17.02.24 (6 Days)
13	Venue	Visual Computing &Cloud Computing Lab

Course Coordinator
R. KUMARAVEL AP-CSE
V-RAJESH KANNAN AP—CSE
G. PRAVEEN KUMAR AP-CSE

HOD - CSE
Dr.A.MEENAKSHI.

DEAN Academics

Submitted to the SECRETARY for approval through the PRINCIPAL

Book No.   CSE   Date 24/01/2024

SL No. 28

We have Planned to conduct value added course On "Mastering the Art of coding" to our II Year CSE & ADS Students In four batches through external trainers from industries during 12/02/2024 to 17/02/2024.

Batch II details!

Number of Students : 60 approximately.
Name of the training industry offering the course : HRLytics
Contact Person : Kayalvizhi
With Phone Number : 7094694226
Number of days : 6
Total number of hours : 45
Fees per Student : Rs 1800 (Inclusive of Tax)/student

Approval may please be Provided to conduct the Course and to sanction the training fees.

Additional Requirements : Refreshment, Lunch and accomodation be Provided to the Resource Persons from our College.

Enclosure/Quotation.

Signature of Faculty   HOD   PRINCIPAL 31/1/24
[P. KUMARAVEL]
[V. RAJESH KANNAN]
[G. PRAVEEN KUMAR]

OFFICE USE

1) Account Head
2) Budget allotted
3) Amount committed / Spent sofar
4) Balance available

OM   Treasurer   Secretary

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

AN AUTONOMOUS INSTITUTION - AFFLIATED TO ANNA UNIVERSITY, CHENNAI.

S. P. G. C. NAGAR, K. VELLAKULAM - 625 701 (NEAR VIRUDHUNAGAR)

25 YEARS OF DEDICATED SERVICE IN TECHNICAL EDUCATION

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

organizes

Six Days Value Added Course

on

"MASTERING THE ART OF CODING"

(Batch - 2)

Participants

II CSE & ADS Students

RESOURCE PERSONS

from

HRLytics Private Ltd, Bengaluru, Karnataka

DATE : 12 - 02 - 2024 TO 17 - 02 - 2024

Co-ordinators	Convener	Principal
Mr. V. Rajesh Kannan, AP - CSE	Dr. A. Meenakshi	Dr. S. Senthil
Mr. R. Kumaravel, AP - CSE	Prof. & HoD - CSE	
Mr. G. Praveen Kumar, AP - CSE		

Re: Invitation for value added course on '"Mastering the Art of Coding "-reg

Kayal vizhi <kayalvizhi@hrlytics.in>
Sat 2024-02-10 02:38

To:KUMARAVEL.R <kumaravelcse@kamarajengg.edu.in>
Cc:RAJESH KANNAN.V <rajeshkannancse@kamarajengg.edu.in>;HODCSE <hodcse@kamarajengg.edu.in>;NIRMALA, G <nirmalacse@kamarajengg.edu.in>;UMA MAHESWARI.G <umamaheswaricse@kamarajengg.edu.in>;PRAVEEN KUMAR.G <gpraveenkumarcse@kamarajengg.edu.in>

Subject: Acceptance of Invitation: "Mastering the Art of Coding" Course

Dear Mr. R. Kumaravel and Team,

HRLytics is honored to accept your invitation to be a resource person for the "Mastering the Art of Coding" course from 12-02-2024 to 17-02-2024. We look forward to sharing our knowledge and experiences with the participants at the Programming Lab.

Best regards,
Kayalvizhi
Chief Operating Officer
HRLytics-Bangalore.

On Sat, 10 Feb 2024 at 15:42, KUMARAVEL.R <kumaravelcse@kamarajengg.edu.in> wrote:
Dear Mam,

Greetings!!!

We are glad to invite you as a resource person for the value-added course on "Mastering the Art of Coding "from 12-02-2024 to 17-02-2024.

We have hereby attached the brochure for your kind perusal.

Kindly acknowledge this mail as early as possible.

Venue: Programming Lab

Timing: 9.10 AM to 4.00 PM.

Thanks and Regards,
Coordinators,
Mr.R.Kumaravel .,
Mr.V.Rajesh Kannan.,
Mr.G.Preveen Kumar
Assistant Professor.,
Department of Computer Science and Engineering,
Kamaraj College of Engineering and Technology,
Virudhunagar.

COURSE COORDINATOR

Mr. V. Rajesh Kannan, AP-CSE
Mr. R. Kumaravel, AP-CSE
Mr. G. Praveen kumar, AP-CSF

Invitation for value added course on '"Mastering the Art of Coding "-reg

KUMARAVEL.R <kumaravelcse@kamarajengg.edu.in>

Sat 2024-02-10 09:52

To:SRIMATHI.M <22ucs074@kamarajengg.edu.in>;MANOJKUMAR.G <22ucs135@kamarajengg.edu.in>;SHRUTHI.I
<22ucs017@kamarajengg.edu.in>;MADHU MIDHA.S.M <22ucs097@kamarajengg.edu.in>;DHARUNIKA.M
<22ucs063@kamarajengg.edu.in>;SINIVASAN.S <22ucs142@kamarajengg.edu.in>;SIBI MANI BHARATHI.S.P
<22ucs141@kamarajengg.edu.in>;SELVAKUMAR.T <22ucs083@kamarajengg.edu.in>;JEYANTH.E
<22ucs110@kamarajengg.edu.in>;ANUSHA.T.R <22ucs095@kamarajengg.edu.in>;RAJESH.S
<22ucs145@kamarajengg.edu.in>;JANANI.N <22ucs050@kamarajengg.edu.in>;ASHWIN.G.R
<22ucs092@kamarajengg.edu.in>;MADHURAVENIJ <22ucs132@kamarajengg.edu.in>;HANSHIKHAA.R.S
<22ucs048@kamarajengg.edu.in>;ROHINIPANDI.M <22ucs130@kamarajengg.edu.in>;LATHA.V
<22ucs041@kamarajengg.edu.in>;SANJANA.B <22ucs077@kamarajengg.edu.in>;GOWSALYA.A
<22ucs094@kamarajengg.edu.in>;SURESHBHARATHI.B <22ucs009@kamarajengg.edu.in>
Cc:HODCSE <hodcse@kamarajengg.edu.in>;NIRMALA. G <nirmalacse@kamarajengg.edu.in>;UMA MAHESWARI.G
<umamaheswaricse@kamarajengg.edu.in>;RAJESH KANNAN.V <rajeshkannancse@kamarajengg.edu.in>;PRAVEEN
KUMAR.G <gpraveenkumarcse@kamarajengg.edu.in>

🔗 1 attachments (276 KB)

VAC-MASTERING THE ART OF CODING-BROCHURE.jpg;

Dear all,

     Greetings!!!

     You are invited to attend a six-day value-added course on "**Mastering the Art of Coding** "
from 12-02-2024 to 17-02-2024.

     We have hereby attached the brochure for further details.

     Venue: Programming Lab

     Timing: 9.10 AM to 4.00 PM.

Thanks and Regards,
Coordinators,
Mr.R.Kumaravel ,AP-CSE
Mr.V.Rajesh Kannan,AP-CSE
Mr.G.Preveen Kumar,AP-CSE
Assistant Professor.
Department of Computer Science and Engineering,
Kamaraj College of Engineering and Technology,
Virudhunagar.

Course   Coordinator
Mr. V. Rajesh Kannan, AP-CSE
Mr. R. Kumara vel, AP-CSE
Mr. G. Praveen Kumar, AP-CSE

Department of Computer Science and Engineering

VAC 2023 - 2024 EVEN SEMESTER

List of Coordinators

S.No	Name of the Value-Added Course	Industry Offering	Co-ordinators	Venue
1	Mastering the Art of Coding – Batch I (Java)	Amphisoft Technologies, Coimbatore	Mr. M.Rajasekaran, Ms.D.Pradhiba, Mr.B.Muthukrishna Vinayagam	Network Security Lab
2	Mastering the Art of Coding – Batch II(Java)	HRLytics Private Ltd, Bengaluru, Karnataka	Mr.Rajesh Kannan, Mr.R.Kumaravel, Mr.G.Praveen Kumar	Programming Lab
3	Mastering the Art of Coding – Batch III (C Programming)	CodeTantra Tech Solutions Private Limited, Hyderabad	Ms.S.Nithya, Ms.R.Hari Priya / Ms.E.Vijayalakshmi, Mr.D.Raj	Visual Computing Lab / Cloud Computing Lab
4	Mastering the Art of Coding – Batch IV (C Programming)	Xplocode Infotech Pvt Ltd, Madurai	Ms.S.Janani, Ms.K.Muthulakshmi	Modern Application Development Lab
5	Mastering the Art of Coding – Batch V (C Programming)	Phoenix Softech, Madurai	Dr.G.Nirmala, Dr.G.Uma Maheswari	IBM Lab

VAC Co-ordinators

Dr. G. Uma Maheshwari, AP - CSE

Dr. G. Nirmala, AP - CSE

HoD/CSE   10/2/2023

Dr. A. Meenakshi

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Department of Computer Science and Engineering

VALUE ADDED COURSES

Circular

The Department of Computer Science and Engineering is planned to organize the following value added courses associated with the industries for Second year B.E. CSE and B.Tech ADS during 12-02-2024 to 17-02-2024.

Objective:

- To build technical skill of the students

Course Outcome:

- Able to enhance the technical knowledge through which the students will fine-tune their career prospect, improve preparedness for campus placement and gain competitive edge

The following course are planned to be conducted.

S.No	Date	Name of course
1	12-02-2024 to 17-02-2024	Mastering the Art of Coding Batch I - Java Programming
2	12-02-2024 to 17-02-2024	Mastering the Art of Coding Batch II - Java Programming
3	12-02-2024 to 17-02-2024	Mastering the Art of Coding Batch III - Advanced C Programming
4	12-02-2024 to 17-02-2024	Mastering the Art of Coding Batch IV - Fundamentals of C Programming
5	12-02-2024 to 17-02-2024	Mastering the Art of Coding Batch V - Fundamentals of C Programming

VAC Coordinator

Dr. G. UMA MAHESWARI.

HoD-CSE

Dr. A. MEENAKSHI.

Department of Computer Science and Engineering

VALUE ADDED COURSES - Minutes

Value Added Courses are very important to bridge the gap between the academic and industry needs. These courses which help a particular individual to develop their own skills in their chosen field of the study are conducted by professionals and industry experts. They help students stand apart from the rest in the job market by adding further value to their resume.

A meeting was conducted on 22-01-2024 at 10.30am in the Department Office to discuss the various points about Value Added Courses.

I.Members present:
1. Dr A Meenakshi, Head & Professor
2. Value Added Course Co-ordinators
    a. Dr G Nirmala, AP-CSE
    b. Dr G Uma Maheswari AP-CSE
3. Three Member Committee
    a. Dr R Muthuselvei Prof-CSE
    b. Dr P Praveen Kumar AP-CSE
    c. Dr G Nirmala AP-CSE

II.Agenda
1. Guide lines for Value Added Courses (VAC)
2. Faculty members' domain of interest and Students' options
3. Identification of Value Added Courses and Trainers from Industries

III.Minutes
1. Guidelines of VAC are discussed.

- The students may optionally undergo value added courses offered by experts from industry / other institutions (Academic / Research) / institution faculty on specialized topics
- Every 15 period course will be given 1 credit
- If the value added course is a theory, then the contact hours in a day shall not exceed four periods
- The courses shall be conducted without affecting the regular academic schedule
- Candidates can complete such courses during 3rd to 8th semesters as and when these courses are offered by departments

- A candidate will also be permitted to register such course offered by other departments.
- The Department / Course in-charge / Faculty / Expert concerned shall conduct one assessment at the end of the course
- The Head of the Department shall form a committee to monitor the progress of the course.
- Candidates can take a maximum of two one-credit courses / one two- credit course during an academic year if offered.
- Credits earned under this category will be over and above the total credit requirement as prescribed in the Employability Enhancement Courses category excluding the actual credits required for project works.

2. Faculty members' Domain of interest and Students options are obtained.

- The information about the courses was given to the students to know their interest in developing their programming skills and a form was generated to receive their responses about Java programming and C programming
- The faculty coordinators are nominated for each course in accordance to their interest shown. The list is shown as follows
  - Mastering the Art of Coding Batch I Co-ordinators
    Mr M Rajasekaran, Ms D Pradhiba & Mr B Muthukrishna Vinayagam
  - Mastering the Art of Coding Batch II Co-ordinators
    Mr V Rajeshkannan, Mr R Kumaravel & Mr G Praveen Kumar
  - Mastering the Art of Coding Batch III Co-ordinators
    Ms S Nithya, Mr R Haripriya, Mr D Raj & Mrs E Vijayalakshmi
  - Mastering the Art of Coding Batch IV Co-ordinators
    Mrs S Janani & Mrs K Muthhlakshmi
  - Mastering the Art of Coding Batch V Co-ordinators
    Dr G Nirmala & Dr G Uma Maheswari

3. Value Added Courses and Industries are identified.
   The following industries are identified to conduct the courses

S.No	Courses to be offered	Name of the company	Resource Persons
1	Mastering the Art of Coding Batch I - Java Programming	Amphisoft Technologies, Coimbatore	Mr Mushraf, Product Developer & Corporate Trainer Mr Alis Petreica, Technical Specialist & Corporate Trainer
2	Mastering the Art of Coding Batch II Java Programming	HRLytics Private Ltd, Bengaluru, Karnataka	Mr S Sasidharan, Trainer Mr Mukunthan, Trainer

3	Mastering the Art of Coding Batch III – Advanced C Programming	CodeTantra Tech Solutions Private Limited, Hyderabad	Mr. D Murahari Reddy, Technical Trainer Mr.P Gargheya Mani Sampath, Technical Assistant
4	Mastering the Art of Coding Batch IV – Fundamentals of C Programming	Xplocode Infotech Pvt Ltd, Madurai.	Ms.G.Mahima, Director and Trainer Ms.V.Ponamalar, Director and Trainer
5	Mastering the Art of Coding Batch V- Fundamentals of C Programming	Phoenix Softech,Madurai.	Mr.A.M.Sasi Kumar

S.No	Name of the course	Venue	Number of Students Attending	Class	Date
1	Mastering the Art of Coding Batch I – Java Programming	Programming Lab	60		
2	Mastering the Art of Coding Batch II- Java Programming	Visual Computing Lab & Cloud Computing Lab	60		
3	Mastering the Art of Coding Batch III – Advanced C Programming	Network Security Lab	62	II CSE & ADS	12-02-24 to 17-02-24
4	Mastering the Art of Coding Batch IV – Fundamentals of C Programming	Mobile Application Development Lab	32		
5	Mastering the Art of Coding Batch V- Fundamentals of C Programming	Information Systems Lab	31		

Value Added Course Coordinators

Dr. G. Uma maheshwar, AP.CSE

Dr. G. Nirmala _ AP _ CSE

HoD-CSE

Dr. A.meenakshi

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Department of Computer Science and Engineering

Value Added Course on "Mastering the Art of Coding – Java Programming"

(12.02.2024 – 17.02.2024)

Trainer's Name : Mr.S.Sasidharan,HRLytics Private Limited,Bangalore.

Mr.S.Mukunthan , HRLytics Private Limited,Bangalore.

Course Objectives:

- To understand the basics of Java programming language.
- To learn the concepts of classes and objects
- To learn the basic of inheritance and interfaces in Java
- To Construct a simple generic function in Java
- To understand basics of the multithreading and exception handling mechanism

UNIT 1   Foundations of Java Programming: 9

Introduction to Java: Basic Features of - Data Types - Variables and Constants - Expressions and Operators - Type Casting - Conditional Statements - Looping Constructs - Input and Output Statements - Arrays in Java - Functions in Java - String Basics and Operations - Wrapper Classes - Concept of Boxing and Unboxing

UNIT 2   INTRODUCTION TO OBJECT-ORIENTED PRINCIPLES: 9

Classes and Objects in Java - Data Encapsulation and Static Keyword: Constructors - Static and Final Keywords - Inheritance and its Code Implementation – Polymorphism - Abstract Class and its Implementation in Java

UNIT 3   JAVA STANDARD LIBRARIES: COLLECTIONS   9

Introduction to Generics and Collections API - Importance and Need of Collections - Various Collection Classes and Hierarchy - API Methods in Collection Classes - Comparator and Comparable Interfaces

UNIT4   JAVA STANDARD LIBRARIES: GENERICS   9

Understanding Generics in Java - Generics and its Role in Collection Classes - Exploring Generic Types - Wildcards in Generics - Use cases and Benefits of Generics - Limitations and Best Practices
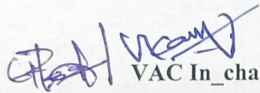
UNIT 5   MULTITHREADING,EXCEPTION HANDLING: 9

Multithreading-Creation of single thread-Creation of multi thread- Thread lifecycle-Thread synchronization-Interprocess communication-Introduction to Exception –Types of Exceptions - Class Hierarchy of Exceptions and Errors - Hands-on Practice: Common Exception Handling Techniques.

Course outcomes:
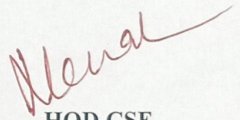
By the end of the course, the student will be able to:
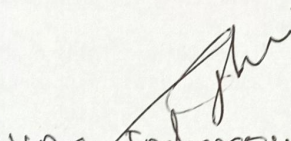
CO1   Understand basic constructs of the Java language
CO2   Understand the basic principle of object oriented programming concepts
CO3   Demonstrate inheritance and interfaces in Java
CO4   Apply the concepts of collections and generics to write simple real world applications.
CO5   Build simple Java applications using threads and exception handling

VAC - Coordinator: VAC/Incharges: HOD.
V. RAJESH KANNAN; AP-CSE   Dr. G. UMAMAHESWARI.   Dr. A. MEENAKSHI.
R. KUMARAVEL AP-CSE   Dr. G. NIRMALA.
G. PRAVEEN KUMAR-AP-CSE
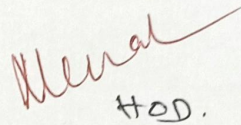
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course – Even Semester (2023- 24)

Course Name: JAVA PROGRAMMING   Duration: 6 days (45 Hours)

MASTERING THE ART OF CODING-JAVA PROGRAMMING
12-02-2024-17-02-2024

No.of Students:60   Resouce Person:Mr.S.Sasidharan
Year:II CSE-A,B,C &ADS   Regulation:2021

Course Objectives:

The objective of the course is to:

- Understand the basics of Java programming language.
- Learn the concepts of classes and objects
- Learn the basic of inheritance and interfaces in Java
- To Construct a simple generic function in Java
- To understand basics of the multithreading and exception handling mechanism

Day 1: Foundations of Java Programming

1. Basic Concepts:
   - Basics of Java
   - Operators
   - Variables
   - Conditional Statements
   - Looping
   - Arrays

Day 2: Introduction to object-Oriented Principles

1.CLASSES AND OBJECTS

- Strings
- Defining Classes
- Objects
- Methods
- Constructors.

2.Absraction and Encapsulation

Day 3: Inhertance , Interface and Inner Class

- Inheritance
- Superclasses
- Subclasses
- Types of Inheritance
- Abstract classes and methods
- Final classes and methods
- Interfaces.
- Inner classes

Day 4: Collections and Generic Method

1. Introduction to Generics and Collections API
   - Importance and Need of Collections
   - Various Collection Classes and Hierarchy.
   - Comparator and Comparable Interface
   - API Methods in Collection Classes

Day 5: Collections and Generic Method

1. Understanding Generics in Java
   - Generics and its Role in Collection Classes
   - Exploring Generic Types
2. Generic Programming
   - Generic Class - Wildcards in Generics
   - Generic Methods- Applications
   - Use cases and Benefits of Generics

Day 6: Multithrading and exception Handling.

1. Multithreading
   - Creation of single thread
   - Creation of multi thread
   - Thread Life Cycle
   - Thread Synchronization
   - Inter process communication.

2. Exception Handling.
   - Introduction to Exception
   - Class Hierarchy of Exceptions and Errors.
   - Creation of Exception using try and catch block

Course outcomes:

By the end of the course, the student will be able to:

CO1   Understand basic constructs of the Java language
CO2   Understand the basic principle of object oriented programming concepts
CO3   Demonstrate inheritance and interfaces in Java
CO4   Apply the concepts of collections and generics to write simple real world
applications.
CO5   Build simple Java applications using threads and generic class

VAC In_charges   **VAC Coordinators**   **HOD CSE**
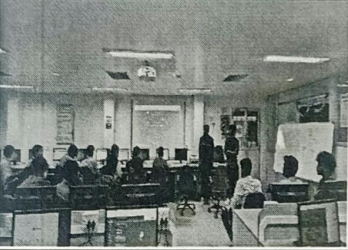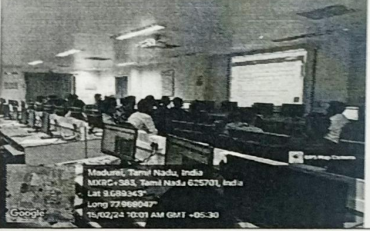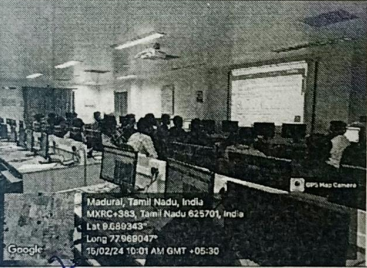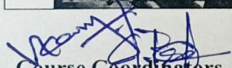
G.PRAVEEN KUMAR.   Dr. G. UMA MAHESWARI.   Dr. A. MEENAKSHI.
V. RAJESH KANNAN.   Dr. G. NIRMALA.
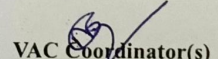
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Courses 2023-2024 EVEN SEM
Mastering the Art of Coding – Java programming
Batch II
Internal Assessment

Name of the Trainer: Mr.S.Sasidharan, HRLytics Pvt Ltd, Bangalore.
Date: 12-02-2024 to 17-02-2024
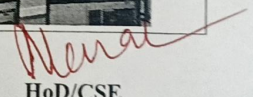
Day1 12-02-2024	Day2 13-02-2024
Day3 14-02-2024	Day4 15-02-2024
Day5 16-02-2024	Day6 17-02-2024

Course Coordinators	VAC Coordinator(s)	HoD/CSE
Mr.V.Rajesh Kannan, AP-CSE	Dr.G.Nirmala, AP-CSE	Dr.A.Meenakshi,
Mr.R.Kumaravel, AP-CSE	Dr.G.Uma Maheswari, AP-CSE	Prof-CSE
Mr.G.Praveeen Kumar, AP-CSE		

Kamaraj College of Engineering and Technology
Department of Computer Science and Engineering
In association with
HR Lytics (P) Ltd., Bengaluru
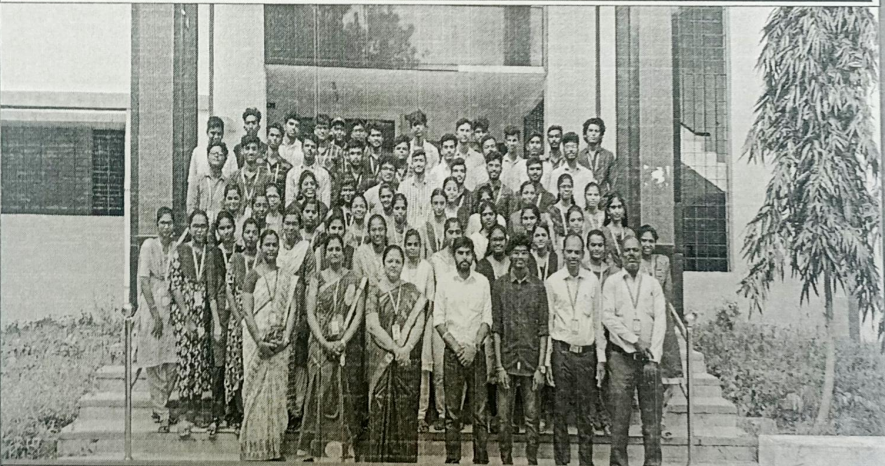
Chittoor, Tamil Nadu, India
MXF7+9XG, Chittoor, Tamil Nadu 625701, India
Lat 9.67353°
Long 77.964974°
16/02/24 10:41 AM GMT +05:30

Value Added Course on "Mastering the Art of Coding"
JAVA PROGRAMMING (BATCH – II)
12-02-2024 To 17-02-2024

Kamaraj College of Engineering and Technology
Department of Computer Science and Engineering
In association with
HR Lytics (P) Ltd., Bengaluru

Value Added Course on "Mastering the Art of Coding"
JAVA PROGRAMMING (BATCH – II)
12-02-2024 To 17-02-2024

Trainer	Course Coordinators	VAC Coordinators	HoD-CSE
SASIDHARAN.S.	G.PRAVEENKUMAR. AP-CSE V.RAJESH KANNAN AP-CSE	Dr.G.NIRMALA	Dr.A.MEENAKSHI

KAMARAJ
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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

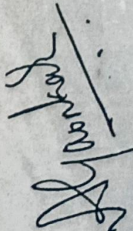# Course Completion Certificate
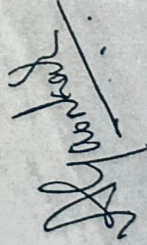
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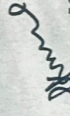
SRIMATHI M
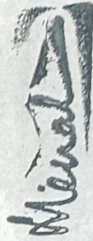
has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark ___77___ %

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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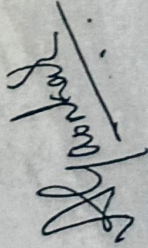
HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

MANOJKUMAR G

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark __80__ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Course Completion Certificate

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

This is to certify that

SHRUTHI I

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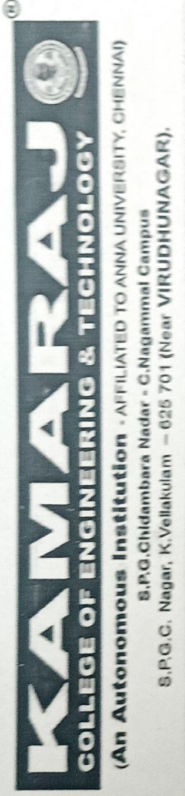
Assessment Mark ___83___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

MADHU MIDHA S M

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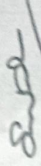
Assessment Mark __81__ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

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COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near VIRUDHUNAGAR).
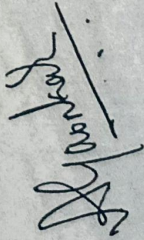
LYTICS HR

Course Completion Certificate
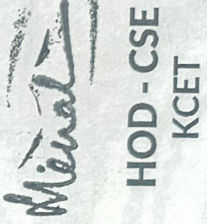
This is to certify that

DHARUNIKA M

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.
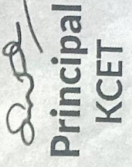
HRL GST: 29AAGCH3587A1ZJ

Assessment Mark _72_ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ ®
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near VIRUDHUNAGAR).

Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

SINIVASAN S

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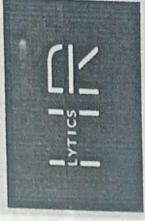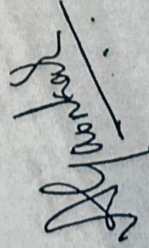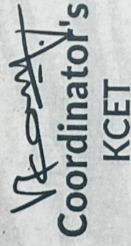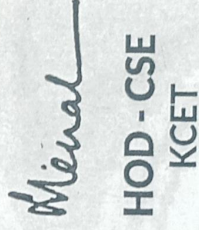
Assessment Mark 74 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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HRL GST: 29AAGCH3587A1ZJ

HR

Course Completion Certificate

This is to certify that

SIBI MANI BHARATHI S P

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 75 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).
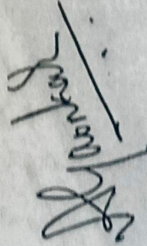
Course Completion Certificate

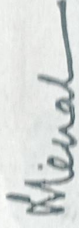## This is to certify that

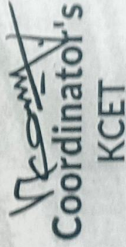HRL GST: 29AAGCH3587A1ZJ

SELVAKUMAR T

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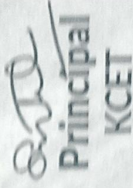
Assessment Mark 72 %

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

JEYANTH E

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Assessment Mark 73 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

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CEO
HRLytics Private Limited

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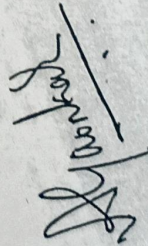
Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

ANUSHA T R

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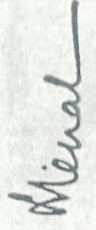
Assessment Mark _85_ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
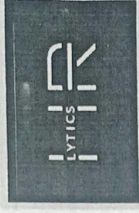HRLytics Private Limited

KAMARAJ
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(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
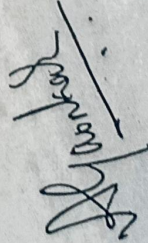S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

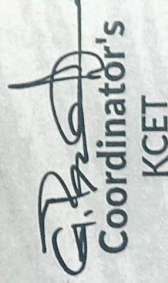# Course Completion Certificate

This is to certify that

RAJESH S

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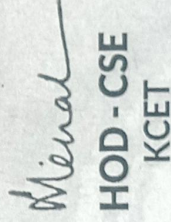
Assessment Mark 90 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

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JANANI N

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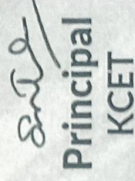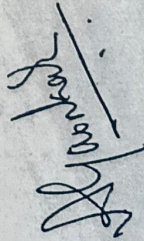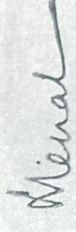
Assessment Mark ___74___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRlytics Private Limited

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

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S.P.G.Chidambara Nadar - C.Nagammal Campus

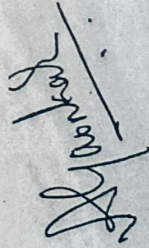S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

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ASHWIN G R

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Assessment Mark __90__ %

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

MADHURAVENI J

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Assessment Mark ___77___ %

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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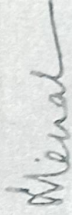S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).
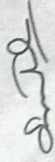
Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

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KCET

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near VIRUDHUNAGAR).
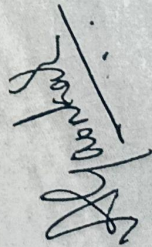
Course Completion Certificate

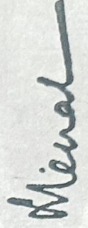## This is to certify that

HRL GST: 29AAGCH3587A1ZJ

HANSHIKHAA R S

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Assessment Mark 87 %

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

HRL GST: 29AAGCH3587A1ZJ

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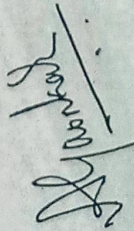S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

Course Completion Certificate

This is to certify that

ROHINIPANDI M

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 74 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRlytics Private Limited

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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

LATHA V

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark __73__ %

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

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Course Completion Certificate

This is to certify that

SANJANA B

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Assessment Mark 77 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

GOWSALYA A

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Assessment Mark 80 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhillasha Gaonkar
CEO
HRLytics Private Limited

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(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
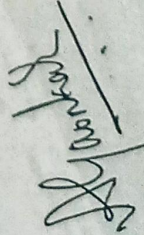S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

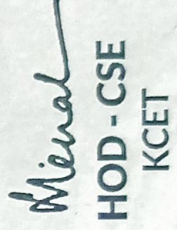## This is to certify that

SURESHBHARATH B

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark __75__ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
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SIBI RAJAN A

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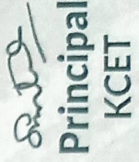
Assessment Mark 83 %

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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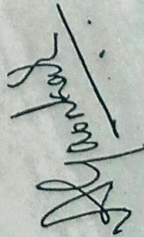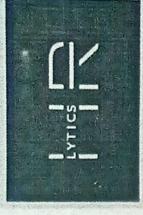
Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

PRIYANGA SRI K

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.
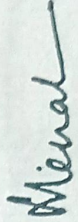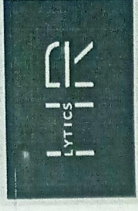
Assessment Mark _77_ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ ®
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

SHRI SABARI SASTHA R

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark __87__ %

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution)

An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

GURULAKSHMI G

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 77 %

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
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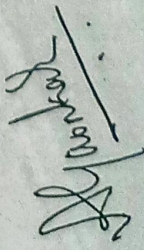
Course Completion Certificate

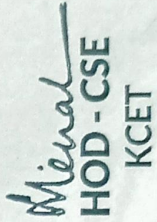## This is to certify that

AKASH ARUMUGAM S

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

HRL GST: 29AAGCH3587A1ZJ

Assessment Mark ___71___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

SANTHIYA B

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 75 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ

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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

SANTHOSH KUMAR S

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 73 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

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RAJESHWARI R

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Assessment Mark _73_ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

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COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.Chidambara Nadar - C.Nagammal Campus
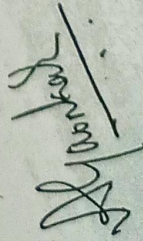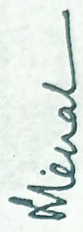S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

JOEL JONES J

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding – Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.
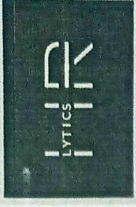
Assessment Mark 84 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

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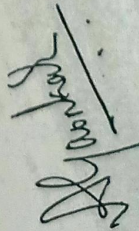
Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

PAVITHRA M

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Assessment Mark 81 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

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COLLEGE OF ENGINEERING & TECHNOLOGY
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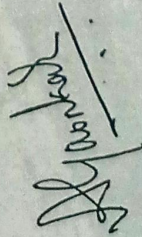
Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

POONKUZHALI P

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding – Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 82 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

RAJESWARI H

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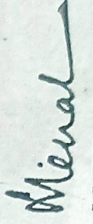
Assessment Mark 78 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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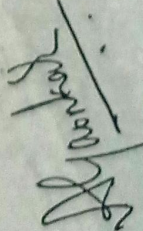
Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

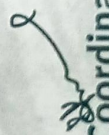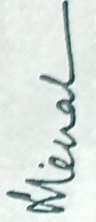GEORGE S

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark ___77___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

ANUSHAA P S

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Assessment Mark 82 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ

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S.P.G.Chidambara Nadar - C.Nagammal Campus

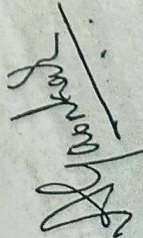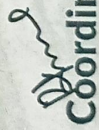S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

JEYARAM R

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Assessment Mark 77 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

LYTICS HR

Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

JOHNPAUL P

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 16 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

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Course Completion Certificate

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SIBI SURAJ V

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Assessment Mark ___76___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ ®
COLLEGE OF ENGINEERING & TECHNOLOGY
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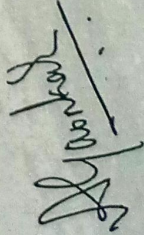
Course Completion Certificate

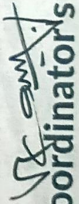## This is to certify that

HRL GST: 29AAGCH3587A1ZJ

SHARMILA P

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Assessment Mark ___74___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

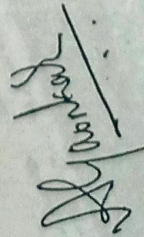## This is to certify that

DIVYA R
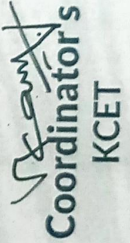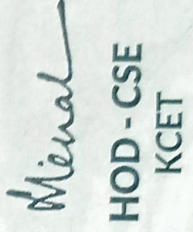
has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark ___73___ %

Principal
KCET

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KCET

Coordinator's
KCET

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CEO
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KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

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MAHALAKSHMI P

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Assessment Mark 78 %

Abhilasha Gaonkar
CEO
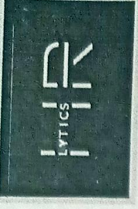HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

KAMARAJ
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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

RASHITHA ASHRAF M

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on
"Mastering the Art of Coding – Java Programming" from 12-02-2024 to 17-02-2024 in
association with the Department of Computer Science and Engineering, Kamaraj College
of Engineering and Technology, Near Virudhunagar.

Assessment Mark 83 %

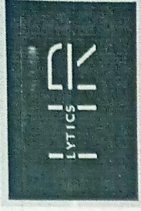Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

Course Completion Certificate

This is to certify that

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

KAVIPRIYA N

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark _75_ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

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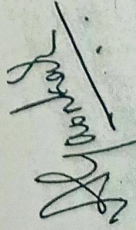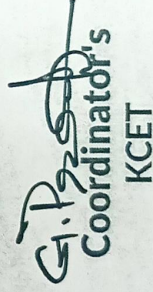
Course Completion Certificate

This is to certify that

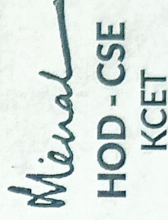HRL GST: 29AAGCH3587A1ZJ

SHYAMVISHAAL K P

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark __90__ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
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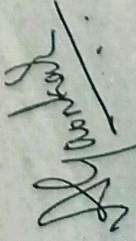
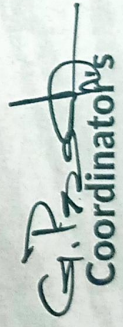# Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

PRAVEEN KUMAR S

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark ___90___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

VITHYA M

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 74 %

Principal
KCET

HOD - CSE
KCET

Coordinator/s
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited
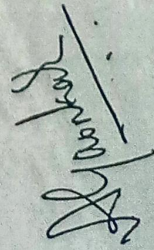
Course Completion Certificate

This is to certify that
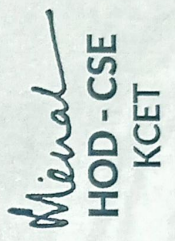
HRL GST: 29AAGCH3587A1ZJ

AKSHAYA K S

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding – Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.
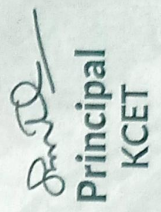
Assessment Mark __15__ %

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

Abhilasha Gaonkar
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HRLytics Private Limited

Coordinator
KCET

HOD - CSE
KCET

Principal
KCET

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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

VAISHNAVI S

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Assessment Mark ___73___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution) · AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar · C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).
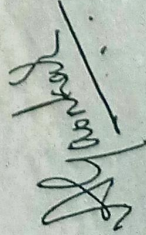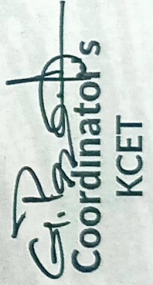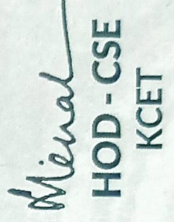
Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

MEDHANA K

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.
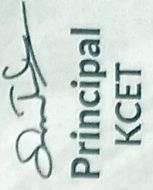
Assessment Mark ___79___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

HRL GST: 29AAGCH3587A1ZJ

KAMARAJ ®
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).
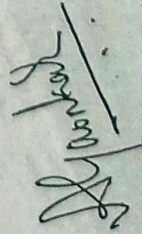
Course Completion Certificate

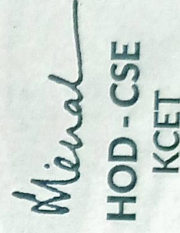## This is to certify that

PARAM DHARSHAN B

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.
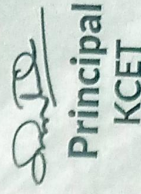
Assessment Mark 78 %

Principal
KCET

HOD - CSE
KCET

Coordinator/s
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

JEYA RTMAASRI A S

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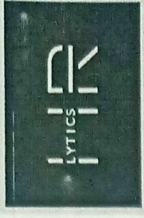
Assessment Mark ___78___ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

HRL | lytics

Course Completion Certificate

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ISHWARYA LAKSHMI M

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

HRL GST: 29AAGCH3587A1ZJ

Assessment Mark 76 %

Abhillasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

LYTICS HR

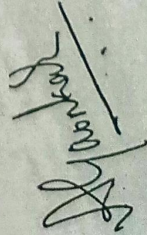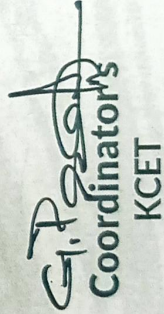# Course Completion Certificate

This is to certify that
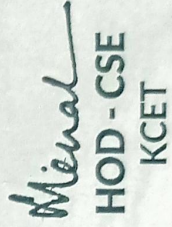
HRL GST: 29AAGCH3587A1ZJ

JAI AKASH R

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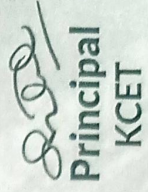
Assessment Mark _76_ %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

HRL GST: 29AAGCH3587A1ZJ

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near VIRUDHUNAGAR).
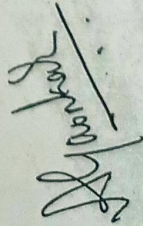
Course Completion Certificate

This is to certify that

SHARON P

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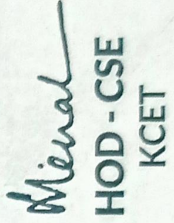
Assessment Mark 74 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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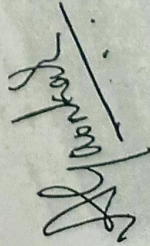
Course Completion Certificate

This is to certify that

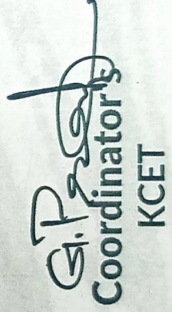HRL GST: 29AAGCH3587A1ZJ

GEETHAN S

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 72 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate
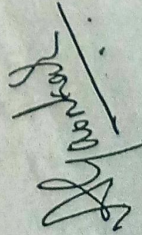
This is to certify that

SELVAPANDEESWARAN V

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.
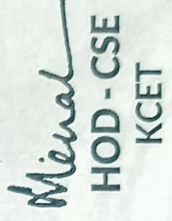
Assessment Mark _75_ %

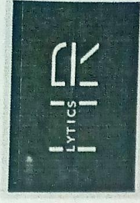Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

Principal
KCET

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

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S.P.G.Chidambara Nadar - C.Nagammal Campus

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HRL GST: 29AAGCH3587A1ZJ

Course Completion Certificate

This is to certify that

SYED NAZMUDEEN S

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Assessment Mark 74 %

Principal
KCET

HOD - CSE
KCET

G. Prasanth
Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Course Completion Certificate

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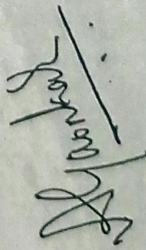S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).
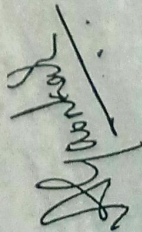
HRL GST: 29AAGCH3587A1ZJ

HAREN GURU V
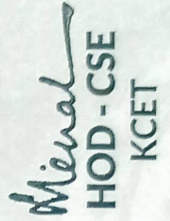
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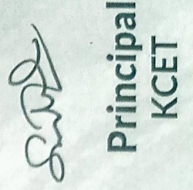
Assessment Mark 79 %

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Coordinator's
KCET

HOD - CSE
KCET

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KCET

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LYTICS HR

Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

VISHNU PRITHVI C

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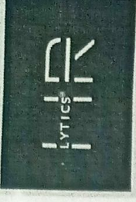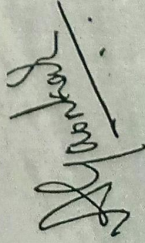
Assessment Mark 85 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

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COLLEGE OF ENGINEERING & TECHNOLOGY
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HRLytics

Course Completion Certificate

This is to certify that

HRL GST: 29AAGCH3587A1ZJ

GOKULAVASAN J
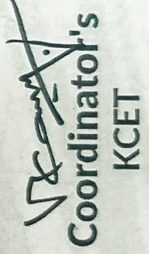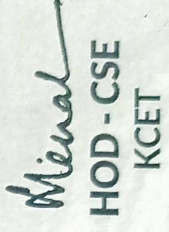
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Assessment Mark 72 %

Principal
KCET

HOD - CSE
KCET

Coordinator's
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

KAMARAJ®
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

Course Completion Certificate

This is to certify that

NISANTH KRISHNA M

has attended Value Added Course offered by HRLytics Private Limited, Bangalore on "Mastering the Art of Coding - Java Programming" from 12-02-2024 to 17-02-2024 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

HRL GST: 29AAGCH3587A1ZJ

Assessment Mark ___77___ %

Principal
KCET

HOD - CSE
KCET

Coordinator/s
KCET

Abhilasha Gaonkar
CEO
HRLytics Private Limited

Department of Computer Science and Engineering

VALUE ADDED COURSES 2023-2024 (12-02-2024 to 17-02-2024)

Date and Time of VAC Exam Conducted

S.No	Name of the course	Date and Time of the exam conducted	Class
1	Mastering the Art of Coding Batch I - Java Programming	17-02-24 / 6 00 to 7 30 PM	II CSE & ADS
2	Mastering the Art of Coding Batch II - Java Programming	17-02-24 / 6 00 to 7 30 PM	
3	Mastering the Art of Coding Batch III - Advanced C Programming	17-02-24 / 6.00 to 7 30 PM	
4	Mastering the Art of Coding Batch IV - Fundamentals of C Programming	17-02-24 / 6 00 to 7.30 PM	
5	Mastering the Art of Coding Batch V - Fundamentals of C Programming	17-02-24 / 6 00 to 7 30 PM	

Value Added Course Coordinators

Dr. G. Uma Maheshwari, AP-CSE
Dr. G. Nirmala, AP-CSE

HoD-CSE

Dr. A. Meenakshi

153

⏱ **120 minutes**

MASTERING THE ART OF CODING – JAVA PROGRAMMING (EXTERNAL ASSESSMENT)

* Required

* This form will record your name, please fill your name.

1. Enter Your Roll Number *

2. Enter Your Register Number *

3. Enter Your Name *

4. Choose Your Department *

○ IIA-CSE

○ IIB-CSE

○ IIC-CSE

○ II-ADS

5. Which of the following are legal lines of Java code?

    i. int w = (int)888.8;

   ii. byte x = (byte)100L;

  iii. long y = (byte)100;

  iv. byte z = (byte)100L; * (1 Point)

○ 1 and 2

○ 2 and 3

○ 3 and 4

○ All statements are correct

6. What is the output of the following program?

List<String> names = Arrays.asList("ABC", "CAB", "BCA");

String result = names.stream().reduce("", (a, b) -> a + b.charAt(1));
  System.*out*.println(result); * (1 Point)

○ "ABC"

○ "ACB"

○ "BAC"

○ "CBA"

7. Which statement is true about Java? * (1 Point)

○ Java is a sequence-dependent programming language

○ Java is a code dependent programming language

○ Java is a platform-dependent programming language

○ Java is a platform-independent programming language

8. What is the purpose of the finally block in a Java try-catch-finally construct? * (1 Point)

○ To catch and handle exceptions thrown in the try block

○ To execute code regardless of whether an exception is thrown or not

○ To define the conditions for handling exceptions

○ To provide an alternate code path when an exception occurs

:::

9. Which of these is an incorrect array declaration? * (1 Point)

○ int arr[] = new int[5]

○ int [] arr = new int[5]

○ int arr[] = new int[5]

○ int arr[] = int [5] new

10. Which Scanner class method is used to read String value? * (1 Point)

○ nextLine()

○ next()

○ readString()

○ Both a & b

11. Which method can be defined only once in a program? * (1 Point)

○ main method

○ finalize method

○ static method

○ private method

12. Which of the following modifier means a particular variable cannot be accessed within the package? * (1 Point)

○ private

○ public

○ protected

○ default

13. How many copies of static and class variables are created when 10 objects are created of a class? * (1 Point)

○ 1, 10

○ 10, 10

○ 10, 1

○ 1, 1

14. Using which of the following, multiple inheritance in Java can be implemented? * (1 Point)

○ Interfaces

○ Multithreading

○ Protected methods

○ Private methods

15. **Abstract methods of abstract classes are mandatory to be overridden by sub classes. Is that true?** * (1 Point)

○ Yes

○ No

16. Which of these packages contains abstract keyword? * (1 Point)

○ java.lang

○ java.util

○ java.io

○ java.system

17. Which concept of Java is a way of converting real world objects in
    terms of class? * (1 Point)

    ○ Polymorphism

    ○ Encapsulation

    ○ Abstraction

    ○ Inheritance

18. **Predict the output of following Java program**

    class Test {
    ** int i;**
    }
    class Main {
    ** public static void main(String args[]) {**
    **   Test t = new Test();**
    **   System.out.println(t.i);**
    ** }**
    } * (1 Point)

    ○ garbage value

    ○ 0

    ○ compiler error

    ○ runtime error

19. Which of the following is the correct way of implementing an interface A by class B? * (1 Point)

○ class B extends A{}

○ class B implements A{}

○ class B imports A{}

○ None of the mentioned

20. What is the output of the following code snippet?
int i = 0;
while (i < 3) {
    System.out.print(i + " ");
    i++;
} * (1 Point)

○ 0 1 2

○ 1 2 3

○ 0 1 2 3

○ Infinite loop

21. Predict the output of following Java program.
    class Test {
        public static void main(String[] args) {
          for(int i = 0; 0; i++)
          {
              System.out.println("Hello");

              break;
          }
        }
    } * (1 Point)

○ Hello

○ Empty Output

○ Compiler error

○ Runtime error

22. What is Collection in Java? * (1 Point)

○ A group of objects

○ A group of classes

○ A group of interfaces

○ None of the mentioned

23. Can we call static methods using this from non static methods *
    (1 Point)

    ○ Yes

    ○ No

24. Which of the following is/are advantages of packages? * (1 Point)

    ○ Packages avoid name clashes

    ○ Classes, even though they are visible outside their package, can have fields visible
       to packages only

    ○ We can have hidden classes that are used by the packages, but not visible outside.

    ○ All of the above

25. Consider the following class definition: public class MyClass { private
    int value; public void setValue(int i){ / code / } // Other methods... }
    The method setValue assigns the value of i to the instance field value.
    What could you write for the implementation of setValue? * (1 Point)

    ○ this.value = i;

    ○ value == i;

    ○ value = i;

    ○ Both 1 & 3

26. What will be printed as the output of the following program? public
    class testincr { public static void main(String args[]) { int i = 0; i = i++
    + i; System.out.println("I = " +i); } } * (1 Point)

○ I=1

○ I=2

○ Error

○ I=0

27. Which of the following is used to find and fix bugs in the program? *
    (1 Point)

○ JDK

○ JRE

○ JVM

○ JDB

28. When is the object created with new keyword? * (1 Point)

○ At run time

○ At compile time

○ Depends on the code

○ None

29. Which is a valid declaration within an interface? * (1 Point)

   ○ public static short stop = 23;

   ○ protected short stop = 23;

   ○ transient short stop = 23;

   ○ final void madness(short stop);

30. Output of Math.floor(3.6)? * (1 Point)

   ○ 3

   ○ 3.0

   ○ 4

   ○ 4.0

31. Which of the following statements is/are TRUE regarding JAVA ?
   a.   Constants that cannot be changed are declared using the 'static'
keyword.
   b.   A class can only inherit one class but can implement multiple
interfaces. * (1 Point)

   ○ Only (a) is TRUE.

   ○ Only (b) is TRUE.

   ○ Both (a) and (b) are TRUE.

   ○ Neither (a) nor (b) are TRUE.

32. The default constructor is used for * (1 Point)

   ◯ Calling default methods

   ◯ Intializing default values to objects

   ◯ Deferencing default objects

   ◯ All of above

33. Which of these keywords must be used to handle the exception thrown by try block in some rational manner? * (1 Point)

   ◯ try

   ◯ finally

   ◯ throw

   ◯ catch

34. Which of the following interface is not a functional interface? * (1 Point)

   ◯ An interface with a single abstract method

   ◯ An interface with an abstract method and a default method

   ◯ An interface with an abstract method and an equals() method

   ◯ An interface with an abstract method and a run() method

35. What will be the output of the following Java code?

```
class area {
    public static void main(String args[])
    {
        double r, pi, a;
        r = 9.8;
        pi = 3.14;
        a = pi * r * r;
        System.out.println(a);
    }
}
```

* (2 Points)

○ 301.5656

○ 301

○ 301.56

○ 301.56560000

36. What will be the output of the following Java code?
    class char_increment
       {
          public static void main(String args[])
          {
             char c1 = 'D';
             char c2 = 84;
             c2++;
             c1++;
             System.out.println(c1 + " " + c2);
          }
       }
    * (2 Points)

○ E U

○ U E

○ V E

○ U F

37. What will be the output?
```
public class Test{
        public static void main(String[] args){
                int[] x = new int[3];
                System.out.println("x[0] is " + x[0]);
        }
}
```
    * (2 Points)

○   The program has a compile error because the size of the array wasn't specified
      when declaring the array.

○   The program has a runtime error because the array elements are not initialized.

○   The program runs fine and displays x[0] is 0.

○   The program has a runtime error because the array element x[0] is not defined.

38. What will be the output of the following Java program?

```java
class equality
{
    int x;
    int y;
    boolean isequal()
    {
        return(x == y);
    }
}
class Output
{
    public static void main(String args[])
    {
        equality obj = new equality();
        obj.x = 5;
        obj.y = 5;
        System.out.println(obj.isequal());
    }
}
```

* (2 Points)

○ false

○ true

○ 0

○ 1

39. What will be the output of the following Java program?

```
class recursion
 {
  int func (int n)
  {
  int result;
  if (n == 1)
  return 1;
  result = func (n - 1);
  return result;
  } }
  class Output
  {    public static void main(String args[])
  {
   recursion obj = new recursion() ;
   System.out.print(obj.func(5));
  }
  }
```
  * (2 Points)

○ 0

○ 1

○ 120

○ None of the mentioned

40. What will be the output of the following Java program?

```
final class A
{
    int i;
}
class B extends A
{
    int j;
    System.out.println(j + " " + i);
}
class inheritance
{
    public static void main(String args[])
    {
        B obj = new B();
        obj.display();
    }
}
```
* (2 Points)

○ 2 2

○ 3 3

○ Runtime Error

○ Compilation Error

41. What will be the output of the following Java code?
```
class A
{   int i;
 void display()
 {   System.out.println(i);
 }  }
class B extends A
{
int j;
void display()
 {
 System.out.println(j);
  }
 }
class method_overriding
 {
 public static void main(String args[])
 {
 B obj = new B();
 obj.i=1;
 obj.j=2;
obj.display();
 }   }
```
* (2 Points)

○ 0

○ 1

○ 2

○ Compilation Error

42. What will be the output of the following Java code?

```
class output
 {
public static void main(String args[])
 {
StringBuffer s1 = new StringBuffer("Hello");
 s1.setCharAt(1,'x');
 System.out.println(s1);
}
 }
```

* (2 Points)

- ◯ xello

- ◯ xxxxx

- ◯ Hxllo

- ◯ Hexlo

43. What will be the output of the following Java program?

```
interface calculate
 {
  void cal(int item);
  }
class display implements calculate
 {
   int x;
public void cal(int item)
  {
   x = item * item;
  } }
 public static void main(String args[])
  {
 display arr = new display;
  arr.x = 0;
   arr.cal(2);
System.out.print(arr.x);
  }   }
```
* (2 Points)

○ 0

○ 2

○ 4

○ None of the mentioned

44. What will be the output of the following Java program?

```
import java.util.*;
class Array
{
public static void main(String args[])
{
int array[] = new int [5];
 for (int i = 5; i > 0; i--)
 array[5-i] = i;
Arrays.fill(array, 1, 4, 8);
 }  }
```

* (2 Points)

○ 12885

○ 12845

○ 58881

○ 54881

45. What will be the output of the following Java program?
import java.util.*;

 class Arraylist
{
 public static void main(String args[])
{
ArrayList obj = new ArrayList();
obj.add("A");
obj.add("B");
 obj.add("C");
 obj.add(1, "D");
System.out.println(obj); }   }
 * (2 Points)

○ [A, B, C, D]

○ [A, D, B, C]

○ [A, D, C]

○ [A, B, C]

46. What will be the output of the following program?

```
public class Test2 {
public static void main(String[] args) {
StringBuffer s1 = new StringBuffer("Complete");
s1.setCharAt(1,'i');
 s1.setCharAt(7,'d');
System.out.println(s1);   }
 }
```

* (2 Points)

○ Complete

○ Iomplede

○ Cimpletd

○ Coipletd

47. Find the output of the following code.

```
Public class Solution{
        Public static void main(String args[]){
            Int i;
            for(i = 1; i < 6; i++){
                if(i > 3) continue;
            }
            System.out.println(i);
        }
}
```
* (2 Points)

○ 3

○ 4

○ 5

○ 6

48. Predict the output?

```
package main;
class T {
  int t = 20;
}
class Main {
   public static  void main(String args[]) {
     T  t1 = new T();
     System.out.println(t1.t);
   }
}
```

* (2 Points)

○ 20

○ 0

○ Compiler Error

○ 6

49. What will be the output of the following Java program?

```
class exception_handling
{
 public static void main(String args[])
 {
  try
  {
   int i, sum;
   sum = 10;
  for (i = -1; i < 3 ;++i)
   sum = (sum / i);  }
   catch(ArithmeticException e)
  {
  System.out.print("0");
  }
   System.out.print(sum);
  }
 }
```
* (2 Points)

- ○ 0

- ○ 05

- ○ Compiler Error

- ○ Runtime Error

Answers KEY.

EXTERNAL ASSESSMENT.

Question Number	Answer
5.	4
6.	3
7.	4
8.	2
9.	4
10.	4
11.	1
12.	1
13.	1
14.	1
15.	1
16.	1
17.	3
18.	2
19.	2
20.	1
21.	3
22.	1
23.	1
24.	3
25.	4
26.	1
27.	4
28.	1
29.	1
30.	2
31.	2
32.	2
33.	4
34.	4
35.	1
36.	1
37.	3
38.	2
39.	2
40.	4
41.	3
42.	3
43.	3
44.	3
45.	3
46.	3
47.	4
48.	1
49.	3

COURSE INCHARGE
V.Rajesh kannan, AP-CSE
C D....

Course - Coordinators
Dr. G. Uma maheshmeswari
Dr. G. Nirmala

HOD/CSE
Dr. A. Meenakshi
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Value Added Course on "MASTERING THE ART OF CODING"

12.02.2024 to 17.02.2024

Total Number of Students: 60

Attended Students: 59

Date: **12.02.2024**

Trainer Name: S. SASIDHARAN, TRAINER, HRYLTICS

Day 1 – 12.02.2024

Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature		
					Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
1	II CSE	A	22UCS074	SRIMATHI M			
2	II CSE	A	22UCS135	MANOJKUMAR G			
3	II CSE	A	22UCS017	SHRUTHI I			
4	II CSE	A	22UCS097	MADHU MIDHA S M			
5	II CSE	A	22UCS063	DHARUNIKA M			
6	II CSE	A	22UCS142	SINIVASAN S			
7	II CSE	A	22UCS141	SIBI MANI BHARATHI S P			
8	II CSE	A	22UCS083	SELVAKUMAR T			
9	II CSE	A	22UCS110	JEYANTH E			
10	II CSE	A	22UCS095	ANUSHA T R			
11	II CSE	A	22UCS145	RAJESH S			
12	II CSE	A	22UCS050	JANANI N			
13	II CSE	A	22UCS092	ASHWIN G R			
14	II CSE	A	22UCS132	MADHURAVENI J			
15	II CSE	A	22UCS048	HANSHIKHAA R S			
16	II CSE	B	22UCS130	ROHINIPANDI.M			
17	II CSE	B	22UCS041	LATHA.V			
18	II CSE	B	22UCS077	SANJANA.B			
19	II CSE	B	22UCS094	GOWSALYA.A			
20	II CSE	B	22UCS009	SURESHBHARATHI.B			
21	II CSE	B	22UCS006	SIBI RAJAN.A			
22	II CSE	B	22UCS052	PRIYANGA SRI.K			
23	II CSE	B	22UCS151	SHRI SABARISASTHA.R			
24	II CSE	B	22UCS106	GURULAKSHMI.G			
25	II CSE	B	22UCS122	AKASH ARUMUGAM.S			
26	II CSE	B	22UCS021	SANTHIYA.B			
27	II CSE	B	22UCS133	SANTHOSH KUMAR.S			
28	II CSE	B	22UCS061	RAJESHWARI.R			
29	II CSE	B	22UCS032	JOEL JONES.J			
30	II CSE	C	22UCS087	PAVITHRA M			

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31	II CSE	C	22UCS096	POONKUZHALI P			
32	II CSE	C	22UCS100	RAJESWARI H			
33	II CSE	C	22UCS108	GEORGE S			
34	II CSE	C	22UCS113	ANUSHAA P S			
35	II CSE	C	22UCS117	JEYARAM R			
36	II CSE	C	22UCS121	JOHNPAUL P			
37	II CSE	C	22UCS124	SIBI SURAJ V			
38	II CSE	C	22UCS125	SHARMILA P			
39	II CSE	C	22UCS127	DIVYA R			
40	II CSE	C	22UCS139	MAHALAKSHMI P			
41	II CSE	C	22UCS140	RASHITHA ASHRAF M	AB	AB	AB
42	II CSE	C	22UCS147	KAVIPRIYA N			
43	II CSE	C	22UCS152	SHYAMVISHAAL K P			
44	II CSE	C	22UCS153	PRAVEEN KUMAR S			
45	II CSE	C	22UCS156	VITHYA M			
46	II ADS	A	22UAD027	AKSHAYA.K.S			
47	II ADS	A	22UAD037	VAISHNAVI.S			
48	II ADS	A	22UAD010	MEDHANA.K			
49	II ADS	A	22UAD041	PARANI DHARSHAN.B			
50	II ADS	A	22UAD008	JEYA RIMAASRI.A.S			
51	II ADS	A	22UAD035	ISHWARYA LAKSHMI.M			
52	II ADS	A	22UAD022	JAI AKASH.R			
53	II ADS	A	22UAD051	SHARON.P			
54	II ADS	A	22UAD032	GEETHAN.S			
55	II ADS	A	22UAD036	SELVAPANDEESWARAN.V			
56	II ADS	A	22UAD057	SYED NAZMUDEEN.S			
57	II ADS	A	22UAD033	HAREN GURU.V			
58	II ADS	A	22UAD047	VISHNU PRITHVI.C			
59	II ADS	A	22UAD059	GOKULAVASAN.J			
60	II ADS	A	22UAD058	NISANTH KRISHNA.M			

Trainer(s)

S. SASIDHARAN.

Course Coordinator(s)
Mr. R. Kumaravel AP- CSE
Mr. G. Praveen Kumar AP- CSE
Mr. V. Rajesh Kannan

VAC Coordinator(s)
Dr. G. Nirmala AP- CSE
Dr. G. Uma Maheswari AP -CSE

HoD - CSE
Dr. A. Meenakshi
Professor

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Trainer Name: Mr. S. SASIDHARAN, TRAINER, HRLYTICS,

Day 2 – 13.02.2024

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1	II CSE	A	22UCS074	SRIMATHI M	Matty	Matty	Matty
2	II CSE	A	22UCS135	MANOJKUMAR G	G.Makoj	G.Makoj	G.Makoj
3	II CSE	A	22UCS017	SHRUTHI I	Shthilga	Shthilga	Shthilga
4	II CSE	A	22UCS097	MADHU MIDHA S M			
5	II CSE	A	22UCS063	DHARUNIKA M	Dhrka. M	Dhrka. M	Dhrka M
6	II CSE	A	22UCS142	SINIVASAN S			
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8	II CSE	A	22UCS083	SELVAKUMAR T	T.Selvakumar	T.Selvakumar	T.Selvakumar
9	II CSE	A	22UCS110	JEYANTH E	E.Jeyanth	E.Jeyanth	E.Jeyanth
10	II CSE	A	22UCS095	ANUSHA T R			
11	II CSE	A	22UCS145	RAJESH S	S.Rajesh	S Rajesh	S.Rajesh
12	II CSE	A	22UCS050	JANANI N			
13	II CSE	A	22UCS092	ASHWIN G R	GRArbiy	GRArbiy	GR fuhy
14	II CSE	A	22UCS132	MADHURAVENI J	J.Madhuraveni	J.Madhuraveni	
15	II CSE	A	22UCS048	HANSHIKHAA R S	Has	Hanshikhaa	Hanshikhaa
16	II CSE	B	22UCS130	ROHINIPANDI.M	M.Rohipandi	M.Rohipandi	M.Rohini
17	II CSE	B	22UCS041	LATHA.V	V.L	V.L	V.L
18	II CSE	B	22UCS077	SANJANA.B	B.Sanjana	B.Sanjana	B.Sanjana
19	II CSE	B	22UCS094	GOWSALYA.A	A.Gowsalya	A.Gowsalya	A.Gowsalya
20	II CSE	B	22UCS009	SURESHBHARATHI.B			
21	II CSE	B	22UCS006	SIBI RAJAN.A	A.Sibirajan	A.Sibirajan	A.Sibirajan
22	II CSE	B	22UCS052	PRIYANGA SRI.K			
23	II CSE	B	22UCS151	SHRI SABARISASTHA.R	S.Sabari.R	Shri Sabu	Shri Sabu
24	II CSE	B	22UCS106	GURULAKSHMI.G	G.G	G.G	G.G
25	II CSE	B	22UCS122	AKASH ARUMUGAM.S			
26	II CSE	B	22UCS021	SANTHIYA.B	B.	B.	B.
27	II CSE	B	22UCS133	SANTHOSH KUMAR.S	S.Santhosh	S.Santhoshkum	S.Santhoshkum
28	II CSE	B	22UCS061	RAJESHWARI.R	R.R	R.R	R.R
29	II CSE	B	22UCS032	JOEL JONES.J			
30	II CSE	C	22UCS087	PAVITHRA M	M.Pavithra	M.Pavithra	M.Pavithra

Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature		
					Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
31	II CSE	C	22UCS096	POONKUZHALI P	P Poonkuhy	P Poonkuhy	P Poonkuhy
32	II CSE	C	22UCS100	RAJESWARI H	H Rajeswar	H Rajeswar	H Rajeswar
33	II CSE	C	22UCS108	GEORGE S	S George	S George	S George
34	II CSE	C	22UCS113	ANUSHAA P S	OD	OD	OD
35	II CSE	C	22UCS117	JEYARAM R	R Jeyaram	R Jeyaram	R Jeyaram
36	II CSE	C	22UCS121	JOHNPAUL P	P Johnpaul	P Johnpaul	P Johnpaul
37	II CSE	C	22UCS124	SIBI SURAJ V			
38	II CSE	C	22UCS125	SHARMILA P	Sharmily	Sharmily	Sharmily
39	II CSE	C	22UCS127	DIVYA R	Divyar	Divyar	Divyar
40	II CSE	C	22UCS139	MAHALAKSHMI P	P.Mahi	P.Mahi	P.Mahi
41	II CSE	C	22UCS140	RASHITHA ASHRAF M	M.Rashtha	M.Rashtha	M.Rashtha
42	II CSE	C	22UCS147	KAVIPRIYA N	N.Kavi	N.Kavi	N.Kavi
43	II CSE	C	22UCS152	SHYAMVISHAAL K P			
44	II CSE	C	22UCS153	PRAVEEN KUMAR S	S.prav	S.prav	S.prav
45	II CSE	C	22UCS156	VITHYA M	M Vothy	M Vothy	M Vothy
46	II ADS	A	22UAD027	AKSHAYA.K.S	K.S.Ak	K.S.Ak	K.S.Ak
47	II ADS	A	22UAD037	VAISHNAVI.S	S.Vai	S.Vai	S.Vai
48	II ADS	A	22UAD010	MEDHANA.K	K.Med	K.Med	K.Med
49	II ADS	A	22UAD041	PARANI DHARSHAN.B	P.Dhh	P.Dhh	P.Dhh
50	II ADS	A	22UAD008	JEYA RIMAASRI.A.S	Jey	Jey	Jey
51	II ADS	A	22UAD035	ISHWARYA LAKSHMI.M	M.Ish	M.Ish	M.Ish
52	II ADS	A	22UAD022	JAI AKASH.R	R.Jai	R.Jai	R.Jai
53	II ADS	A	22UAD051	SHARON.P	P.Shar	S.Shar	S.Shar
54	II ADS	A	22UAD032	GEETHAN.S	S.Geeth	S.Geeth	S.Geeth
55	II ADS	A	22UAD036	SELVAPANDEESWARAN.V	V.Selp	V.Selp	V.Selp
56	II ADS	A	22UAD057	SYED NAZMUDEEN.S	Syd	Syd	Syd
57	II ADS	A	22UAD033	HAREN GURU.V	Guru	Guru	Guru
58	II ADS	A	22UAD047	VISHNU PRITHVI.C	AB	AB	AB
59	II ADS	A	22UAD059	GOKULAVASAN.J	J.Gok	J.Gok	J.Gok
60	II ADS	A	22UAD058	NISANTH KRISHNA.M	M.Nis	M.Nis	M.Nis

Trainer(s)

S.SASIDHARAN.

Course Coordinator(s)
Mr. R. Kumaravel AP- CSE
Mr. G. Praveen Kumar AP- CSE
Mr. V. Rajesh Kannan

VAC Coordinator(s)
Dr. G. Nirmala AP- CSE
Dr. G. Uma Maheswari AP -CSE

HoD - CSE
Dr. A. Meenakshi
Professor

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

An Autonomous Institution - (AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S P G Chidambara Nadar - C.Nagammal Campus
S P G C Nagar, K Vellakulam – 625 701 (Near VIRUDHUNAGAR)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course on "MASTERING THE ART OF CODING"

12.02.2024 to 17.02.2024

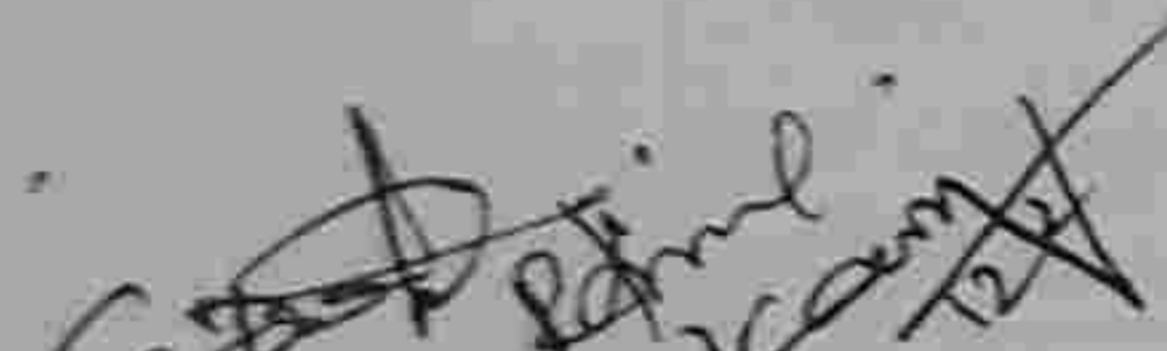Total Number of Students: 60   Date: 14.02.2024
Attended Students: 60
Trainer Name: Mr. S. SASIDHARAN, TRAINER, HRYTICS

Day 3 – 14.02.2024

Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature		
					Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
1	II CSE	A	22UCS074	SRIMATHI M			
2	II CSE	A	22UCS135	MANOJKUMAR G			
3	II CSE	A	22UCS017	SHRUTHI I			
4	II CSE	A	22UCS097	MADHU MIDHA S M			
5	II CSE	A	22UCS063	DHARUNIKA M			
6	II CSE	A	22UCS142	SINIVASAN S			
7	II CSE	A	22UCS141	SIBI MANI BHARATHI S P			
8	II CSE	A	22UCS083	SELVAKUMAR T			
9	II CSE	A	22UCS110	JEYANTH E			
10	II CSE	A	22UCS095	ANUSHA T R			
11	II CSE	A	22UCS145	RAJESH S			
12	II CSE	A	22UCS050	JANANI N			
13	II CSE	A	22UCS092	ASHWIN G R			
14	II CSE	A	22UCS132	MADHURAVENI J			
15	II CSE	A	22UCS048	HANSHIKHAA R S			
16	II CSE	B	22UCS130	ROHINIPANDI.M			
17	II CSE	B	22UCS041	LATHA.V			
18	II CSE	B	22UCS077	SANJANA.B			
19	II CSE	B	22UCS094	GOWSALYA.A			
20	II CSE	B	22UCS009	SURESHBHARATHI.B			
21	II CSE	B	22UCS006	SIBI RAJAN.A			
22	II CSE	B	22UCS052	PRIYANGA SRI.K			
23	II CSE	B	22UCS151	SHRI SABARISASTHA.R			
24	II CSE	B	22UCS106	GURULAKSHMI.G			
25	II CSE	B	22UCS122	AKASH ARUMUGAM.S			
26	II CSE	B	22UCS021	SANTHIYA.B			
27	II CSE	B	22UCS133	SANTHOSH KUMAR.S			
28	II CSE	B	22UCS061	RAJESHWARI.R			
29	II CSE	B	22UCS032	JOEL JONES.J			
30	II CSE	C	22UCS087	PAVITHRA M			

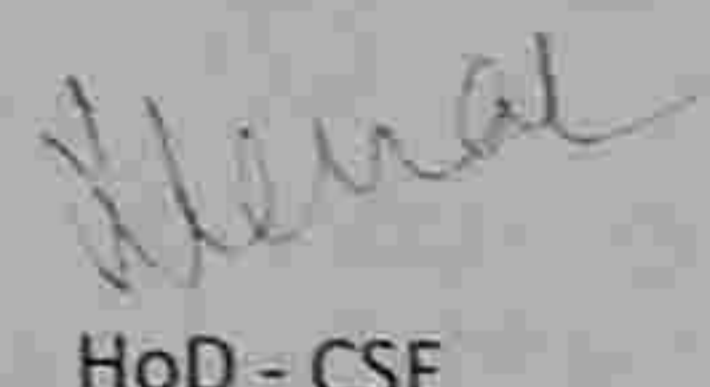| Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature		
					Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
31	II CSE	C	22UCS096	POONKUZHALI P	P. Poonkuzhal	P. Poonkuzhal	P. Poonkuzhal
32	II CSE	C	22UCS100	RAJESWARI H	H. Rajeswari	H. Rajeswari	H. Rajeswari
33	II CSE	C	22UCS108	GEORGE S	S. George	S. George	S. George
34	II CSE	C	22UCS113	ANUSHAA P S	Anushaa P.S	Anushaa P.S	Anushaa P.S
35	II CSE	C	22UCS117	JEYARAM R	R. Jeyaram	R. Jeyaram	R. Jeyaram
36	II CSE	C	22UCS121	JOHNPAUL P	P. Johnpaul	P. Johnpaul	P. Johnpaul
37	II CSE	C	22UCS124	SIBI SURAJ V			
38	II CSE	C	22UCS125	SHARMILA P	Sharmila	Sharmila	Sharmila
39	II CSE	C	22UCS127	DIVYA R	Divya	Divya	Divya
40	II CSE	C	22UCS139	MAHALAKSHMI P	P. Mahi	P. Mahi	P. Mahi
41	II CSE	C	22UCS140	RASHITHA ASHRAF M	M. Rashitha	M. Rashitha	M. Rashitha
42	II CSE	C	22UCS147	KAVIPRIYA N	N. Kavi	N. Kavi	N. Kavi
43	II CSE	C	22UCS152	SHYAMVISHAAL K P	K	K	K
44	II CSE	C	22UCS153	PRAVEEN KUMAR S	S. Praveen	S. Praveen	S. Praveen
45	II CSE	C	22UCS156	VITHYA M	M. Vithya	M. Vithya	M. Vithya
46	II ADS	A	22UAD027	AKSHAYA.K.S	K.S.A	K.S.A	K.S.A
47	II ADS	A	22UAD037	VAISHNAVI.S	S. Vani	S. Vani	S. Vani
48	II ADS	A	22UAD010	MEDHANA.K	K.	K.	K.
49	II ADS	A	22UAD041	PARANI DHARSHAN.B	l. lekh	l. lekh	l. lekh
50	II ADS	A	22UAD008	JEYA RIMAASRI.A.S	Jey	Jey	Jey
51	II ADS	A	22UAD035	ISHWARYA LAKSHMI.M	M.I	M.I	M.I
52	II ADS	A	22UAD022	JAI AKASH.R			
53	II ADS	A	22UAD051	SHARON.P	P.Sh	P.Sh	P.Sh
54	II ADS	A	22UAD032	GEETHAN.S	Cut	Cut	Cut
55	II ADS	A	22UAD036	SELVAPANDEESWARAN.V	Sur	Sur	Sur
56	II ADS	A	22UAD057	SYED NAZMUDEEN.S	Syed	Syed	Syed
57	II ADS	A	22UAD033	HAREN GURU.V	Guru	Guru	Guru
58	II ADS	A	22UAD047	VISHNU PRITHVI.C			
59	II ADS	A	22UAD059	GOKULAVASAN.J	Cut	Cut	Cut
60	II ADS	A	22UAD058	NISANTH KRISHNA.M	M.nic	M.nic	M.nic

Trainer(s)

S. SASIDHARAN

Course Coordinator(s)

Mr. R. Kumaravel AP- CSE

Mr. G. Praveen Kumar AP- CSE

Mr. V. Rajesh Kannan

VAC Coordinator(s)

Dr. G. Nirmala AP- CSE

Dr. G. Uma Maheswari AP -CSE

HoD - CSE

Dr. A. Meenakshi

Professor

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course on "MASTERING THE ART OF CODING"

12.02.2024 to 17.02.2024

Total Number of Students: 60

Attended Students: 60

Date: 15.02.2024

Trainer Name: MY. S SASIDHARAN, TRAINER, ARLYTICS

Day 4 – 15.02.2024

Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature		
					Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
1	II CSE	A	22UCS074	SRIMATHI M	Mathy	Mathy	Mathy
2	II CSE	A	22UCS135	MANOJKUMAR G	G.Majot	G.Majot	G.Majot
3	II CSE	A	22UCS017	SHRUTHI I	Shth.lja	Shth.lja	Shth.lja
4	II CSE	A	22UCS097	MADHU MIDHA S M			
5	II CSE	A	22UCS063	DHARUNIKA M	Dhok M	Dhok M	Dhok M
6	II CSE	A	22UCS142	SINIVASAN S	Sinivasan		
7	II CSE	A	22UCS141	SIBI MANI BHARATHI S P			
8	II CSE	A	22UCS083	SELVAKUMAR T	T.Selvakumar	T.Selvakumar	T.Selvakumar
9	II CSE	A	22UCS110	JEYANTH E	E.Jeyanth	E.Jeyanth	E.Jeyanth
10	II CSE	A	22UCS095	ANUSHA T R			
11	II CSE	A	22UCS145	RAJESH S	S.Rajesh	S.Rajesh	S.Rajesh
12	II CSE	A	22UCS050	JANANI N			
13	II CSE	A	22UCS092	ASHWIN G R	G.R.Ashwin	G.R.Ashwin	G.R.Ashwin
14	II CSE	A	22UCS132	MADHURAVENI J	Madhaveni		Madhuvay
15	II CSE	A	22UCS048	HANSHIKHAA R S	Hanshith	Hanshith	Hanshith
16	II CSE	B	22UCS130	ROHINIPANDI.M	Rohipandi	Rohipandi	Rohipandi
17	II CSE	B	22UCS041	LATHA.V	V.Lt	V.Lt	V.Lt
18	II CSE	B	22UCS077	SANJANA.B	B.Sanjana	B.Sanjana	B.Sanjana
19	II CSE	B	22UCS094	GOWSALYA.A	A.Gowsalya	A.Gowsalya	A.Gowsalya
20	II CSE	B	22UCS009	SURESHBHARATHI.B	OD	OD	OD
21	II CSE	B	22UCS006	SIBI RAJAN.A	A.Sibirajan	A.Sibirajan	A.Sibirajan
22	II CSE	B	22UCS052	PRIYANGA SRI.K			
23	II CSE	B	22UCS151	SHRI SABARISASTHA.R			
24	II CSE	B	22UCS106	GURULAKSHMI.G	G.Gulu	G.Gulu	Gulu
25	II CSE	B	22UCS122	AKASH ARUMUGAM.S	Aku	Aku	Aku
26	II CSE	B	22UCS021	SANTHIYA.B	OD	OD	OD
27	II CSE	B	22UCS133	SANTHOSH KUMAR.S	S.Santhosh	S.Santhosh	S.Santhosh
28	II CSE	B	22UCS061	RAJESHWARI.R	Rajeshwari	R.Raj	Rajeshwari
29	II CSE	B	22UCS032	JOEL JONES.J			
30	II CSE	C	22UCS087	PAVITHRA M	M.Pavithra	M.Pavithra	M.Pavithra

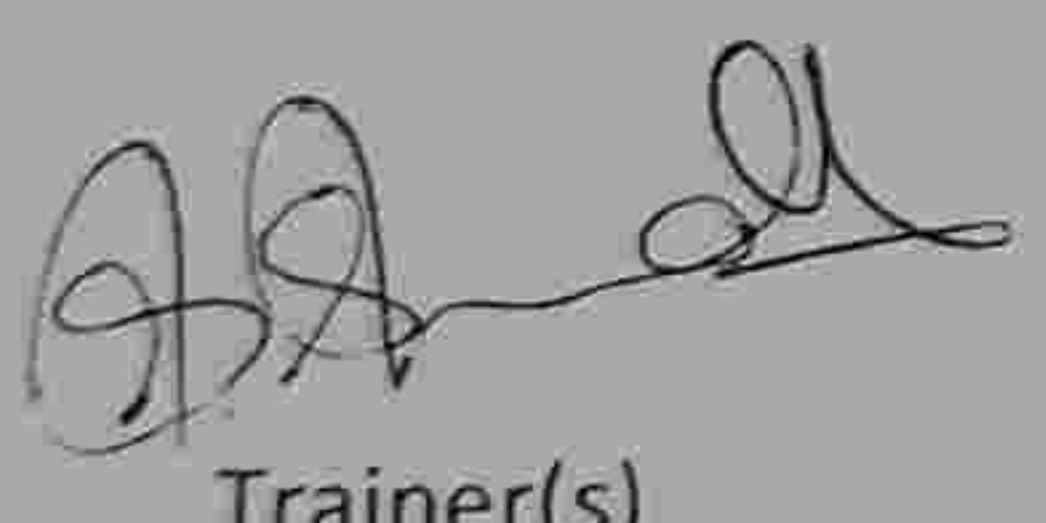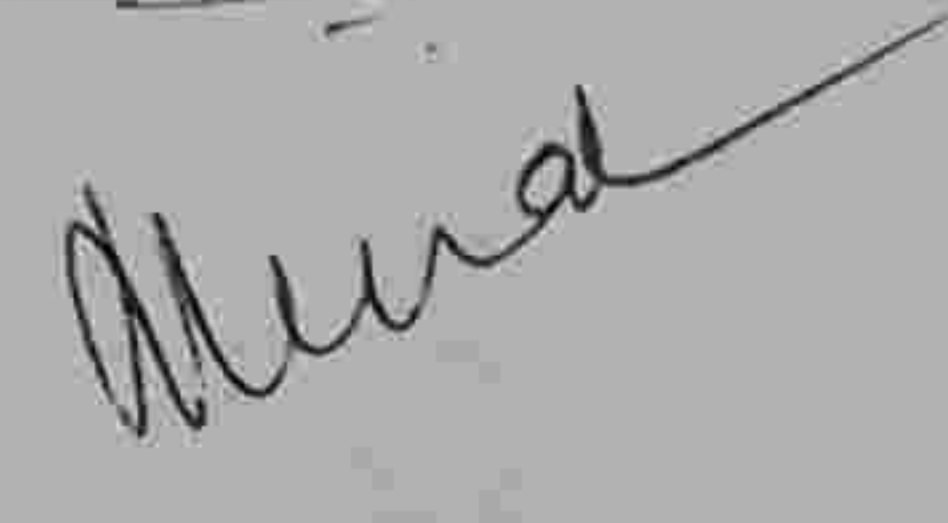| Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature		
					Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
31	II CSE	C	22UCS096	POONKUZHALI P	P. Poonkuzhali	P. Poonkuzhali	P. Poonkuzhali
32	II CSE	C	22UCS100	RAJESWARI H	H Rajeswari	H Rajeswari	H Rajeswari
33	II CSE	C	22UCS108	GEORGE S	S George	S George	S George
34	II CSE	C	22UCS113	ANUSHAA P S	Anushaa PS	Anushaa PS	Anushaa PS
35	II CSE	C	22UCS117	JEYARAM R	R Jeyaram	R Jeyaram	R Jeyaram
36	II CSE	C	22UCS121	JOHNPAUL P	P John Paul	P John Paul	P John Paul
37	II CSE	C	22UCS124	SIBI SURAJ V	O D	O D	O D
38	II CSE	C	22UCS125	SHARMILA P	Shad	Shared	Sharmila
39	II CSE	C	22UCS127	DIVYA R	Divyar	Divyar	Divyar
40	II CSE	C	22UCS139	MAHALAKSHMI P	P. Mhi	P. Mhi	P. Mhi
41	II CSE	C	22UCS140	RASHITHA ASHRAF M	M.Rashitha	M Rashitha	M Rashitha
42	II CSE	C	22UCS147	KAVIPRIYA N	N Kavi	N Kavi	N Kavi
43	II CSE	C	22UCS152	SHYAMVISHAAL K P	R	R	R
44	II CSE	C	22UCS153	PRAVEEN KUMAR S	S. Praj	S. Praj	S. Praj
45	II CSE	C	22UCS156	VITHYA M	M Vithya	M Vithya	M Vithya
46	II ADS	A	22UAD027	AKSHAYA.K.S	K.S.A	K.S.A	K.S.A
47	II ADS	A	22UAD037	VAISHNAVI.S	S. Vang	S. Vang	S. Vang
48	II ADS	A	22UAD010	MEDHANA.K	K.Hh	K.Hh	K.Hh
49	II ADS	A	22UAD041	PARANI DHARSHAN.B	l.hsh	l.hsh	l.hsh
50	II ADS	A	22UAD008	JEYA RIMAASRI.A.S	Jey	Jey	Jey
51	II ADS	A	22UAD035	ISHWARYA LAKSHMI.M	M. Ish	M. Ish	M. Ish
52	II ADS	A	22UAD022	JAI AKASH.R	R. Inf	R. Inf	R. Inf
53	II ADS	A	22UAD051	SHARON.P	RSnot	P. Snot	Anf
54	II ADS	A	22UAD032	GEETHAN.S	S.Geeth	S. Geeth	Anf
55	II ADS	A	22UAD036	SELVAPANDEESWARAN.V	V. SelvaPand	V. Safd	fint
56	II ADS	A	22UAD057	SYED NAZMUDEEN.S	Syed	Syed	Syed
57	II ADS	A	22UAD033	HAREN GURU.V	Guru	Guru	Guru
58	II ADS	A	22UAD047	VISHNU PRITHVI.C	C. Vishnu Pri	C. Vishnu Pri	Ant
59	II ADS	A	22UAD059	GOKULAVASAN.J	J. John	J. John	Ant
60	II ADS	A	22UAD058	NISANTH KRISHNA.M	M. Nis	M. Nis	M. Nis

Trainer(s)
S.SASIDHARAN

Course Coordinator(s)
Mr. R. Kumaravel AP- CSE
Mr. G. Praveen Kumar AP- CSE
Mr. V. Rajesh Kannan

VAC Coordinator(s)
Dr. G. Nirmala AP- CSE
Dr. G. Uma Maheswari AP -CSE

HoD - CSE
Dr. A. Meenakshi
Professor

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course on "MASTERING THE ART OF CODING"

12.02.2024 to 17.02.2024

Total Number of Students: 60   Date: 16.02.2024

Attended Students: 60

Trainer Name: S. SASIDHARAN, TRAINER, HRLYTICS.
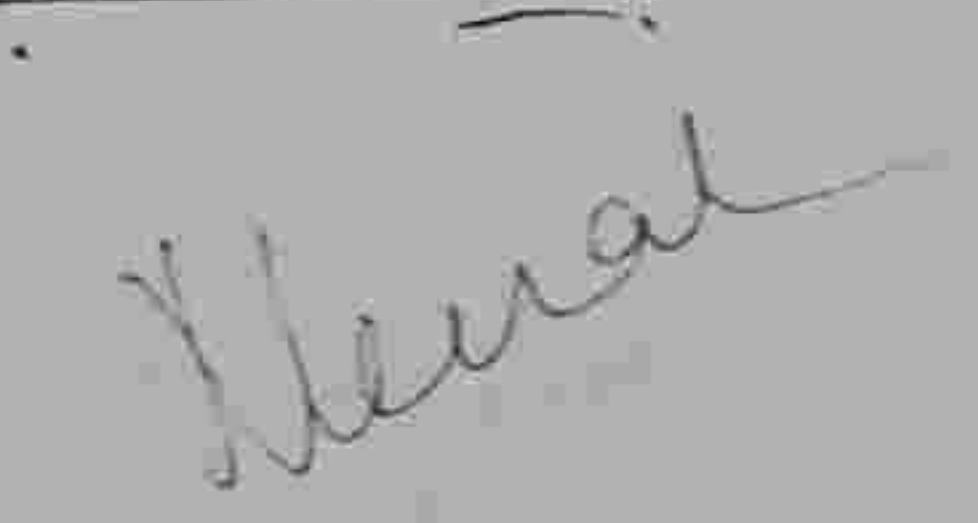
Day 5– 16.02.2024
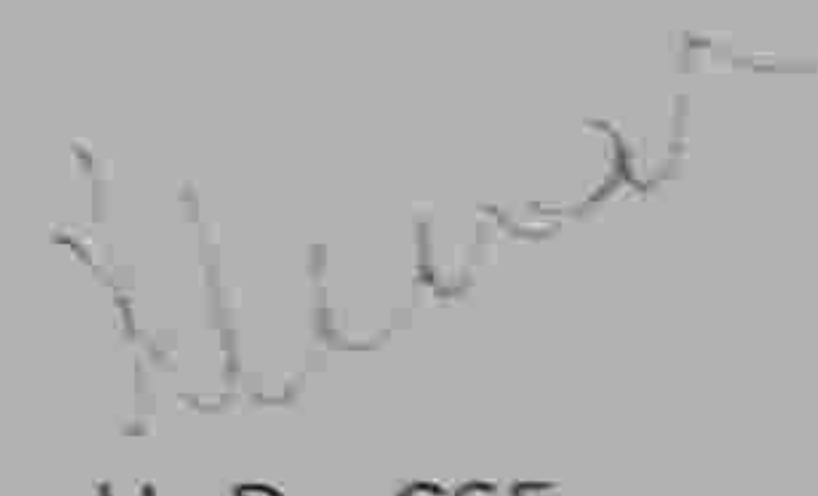
Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
1	II CSE	A	22UCS074	SRIMATHI M	Mary	Mary	Mary
2	II CSE	A	22UCS135	MANOJKUMAR G	G. Manjar	G. Manjar	G. Manjar
3	II CSE	A	22UCS017	SHRUTHI I	Shruthi	Shruthi	Shruthi
4	II CSE	A	22UCS097	MADHU MIDHA S M			
5	II CSE	A	22UCS063	DHARUNIKA M	Dhruka. M	Dhruka. M	Dhruka M
6	II CSE	A	22UCS142	SINIVASAN S	Srinivasan	Srinivasan	Srinivasan
7	II CSE	A	22UCS141	SIBI MANI BHARATHI S P			
8	II CSE	A	22UCS083	SELVAKUMAR T	T.Selvakumar	T.Selvakumar	T.Selvakumar
9	II CSE	A	22UCS110	JEYANTH E	E.Jeyanth	E.Jeyanth	E.Jeyanth
10	II CSE	A	22UCS095	ANUSHA T R	A	A	A
11	II CSE	A	22UCS145	RAJESH S	S.Rajesh	S.Rajesh	S.Rajesh
12	II CSE	A	22UCS050	JANANI N	NJ	NJ	NJ
13	II CSE	A	22UCS092	ASHWIN G R	G.R.Ashwin	G.R.Ashwin	G.R.Ashwin
14	II CSE	A	22UCS132	MADHURAVENI J	Madhuri	Madhuri	Madhuri
15	II CSE	A	22UCS048	HANSHIKHAA R S	Hans	M	Hans
16	II CSE	B	22UCS130	ROHINIPANDI.M	Rohini	Rohini	Rohini
17	II CSE	B	22UCS041	LATHA.V	V.L	V.L	V.L
18	II CSE	B	22UCS077	SANJANA.B	B.Sanjana	B.Sanjana	B.Sanjana
19	II CSE	B	22UCS094	GOWSALYA.A	A.Gowsalya	A.Gowsalya	A.Gowsalya
20	II CSE	B	22UCS009	SURESHBHARATHI.B			
21	II CSE	B	22UCS006	SIBI RAJAN.A	A.Sibirajan	A.Sibirajan	A.Sibirajan
22	II CSE	B	22UCS052	PRIYANGA SRI.K	Priya.K	Priya.K	Priya.K
23	II CSE	B	22UCS151	SHRI SABARISASTHA.R			
24	II CSE	B	22UCS106	GURULAKSHMI.G	G.Guru	G.Guru	G.Guru
25	II CSE	B	22UCS122	AKASH ARUMUGAM.S	Akash	Akash	Akash
26	II CSE	B	22UCS021	SANTHIYA.B	B	B	B
27	II CSE	B	22UCS133	SANTHOSH KUMAR.S	S.Santhosh	S.Santhosh	S.Santhosh
28	II CSE	B	22UCS061	RAJESHWARI.R	R.Raj	R.Raj	Raj
29	II CSE	B	22UCS032	JOEL JONES.J	Joel	Joel	Joel
30	II CSE	C	22UCS087	PAVITHRA M	M.Pavithra	M.Pavithra	M.Pavithra

Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature		
					Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
31	II CSE	C	22UCS096	POONKUZHALI P			
32	II CSE	C	22UCS100	RAJESWARI H			
33	II CSE	C	22UCS108	GEORGE S			
34	II CSE	C	22UCS113	ANUSHAA P S			
35	II CSE	C	22UCS117	JEYARAM R			
36	II CSE	C	22UCS121	JOHNPAUL P			
37	II CSE	C	22UCS124	SIBI SURAJ V			
38	II CSE	C	22UCS125	SHARMILA P			
39	II CSE	C	22UCS127	DIVYA R			
40	II CSE	C	22UCS139	MAHALAKSHMI P			
41	II CSE	C	22UCS140	RASHITHA ASHRAF M			
42	II CSE	C	22UCS147	KAVIPRIYA N			
43	II CSE	C	22UCS152	SHYAMVISHAAL K P			
44	II CSE	C	22UCS153	PRAVEEN KUMAR S			
45	II CSE	C	22UCS156	VITHYA M			
46	II ADS	A	22UAD027	AKSHAYA.K.S			
47	II ADS	A	22UAD037	VAISHNAVI.S			
48	II ADS	A	22UAD010	MEDHANA.K			
49	II ADS	A	22UAD041	PARANI DHARSHAN.B			
50	II ADS	A	22UAD008	JEYA RIMAASRI.A.S			
51	II ADS	A	22UAD035	ISHWARYA LAKSHMI.M			
52	II ADS	A	22UAD022	JAI AKASH.R			
53	II ADS	A	22UAD051	SHARON.P			
54	II ADS	A	22UAD032	GEETHAN.S			
55	II ADS	A	22UAD036	SELVAPANDEESWARAN.V			
56	II ADS	A	22UAD057	SYED NAZMUDEEN.S			
57	II ADS	A	22UAD033	HAREN GURU.V			
58	II ADS	A	22UAD047	VISHNU PRITHVI.C			
59	II ADS	A	22UAD059	GOKULAVASAN.J			
60	II ADS	A	22UAD058	NISANTH KRISHNA.M			

Trainer(s)
S. SASIDHARAN

Course Coordinator(s)
Mr. R. Kumaravel AP- CSE
Mr. G. Praveen Kumar AP- CSE
Mr. V. Rajesh Kannan

VAC Coordinator(s)
Dr. G. Nirmala AP- CSE
Dr. G. Uma Maheswari AP -CSE

HoD - CSE
Dr. A. Meenakshi
Professor

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY CHENNAI)
S.P.G Chidambara Nadar - C.Nagammal Campus
S P G C Nagar, K Vellakulam – 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course on "MASTERING THE ART OF CODING"

12.02.2024 to 17.02.2024

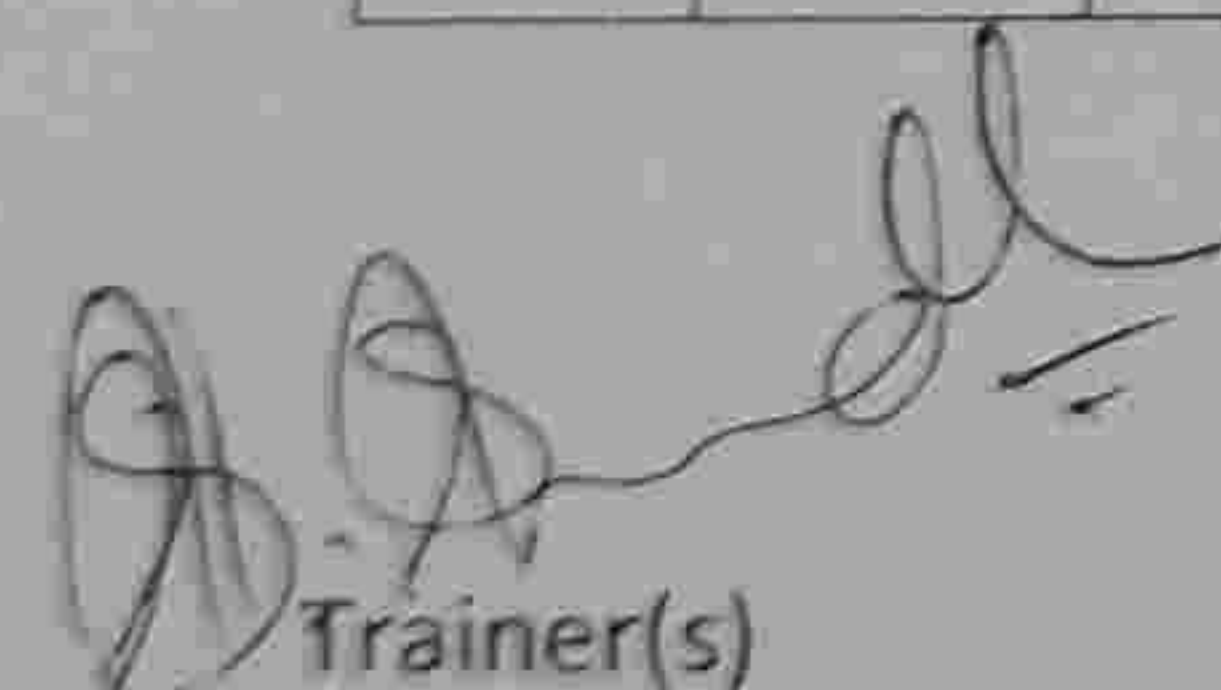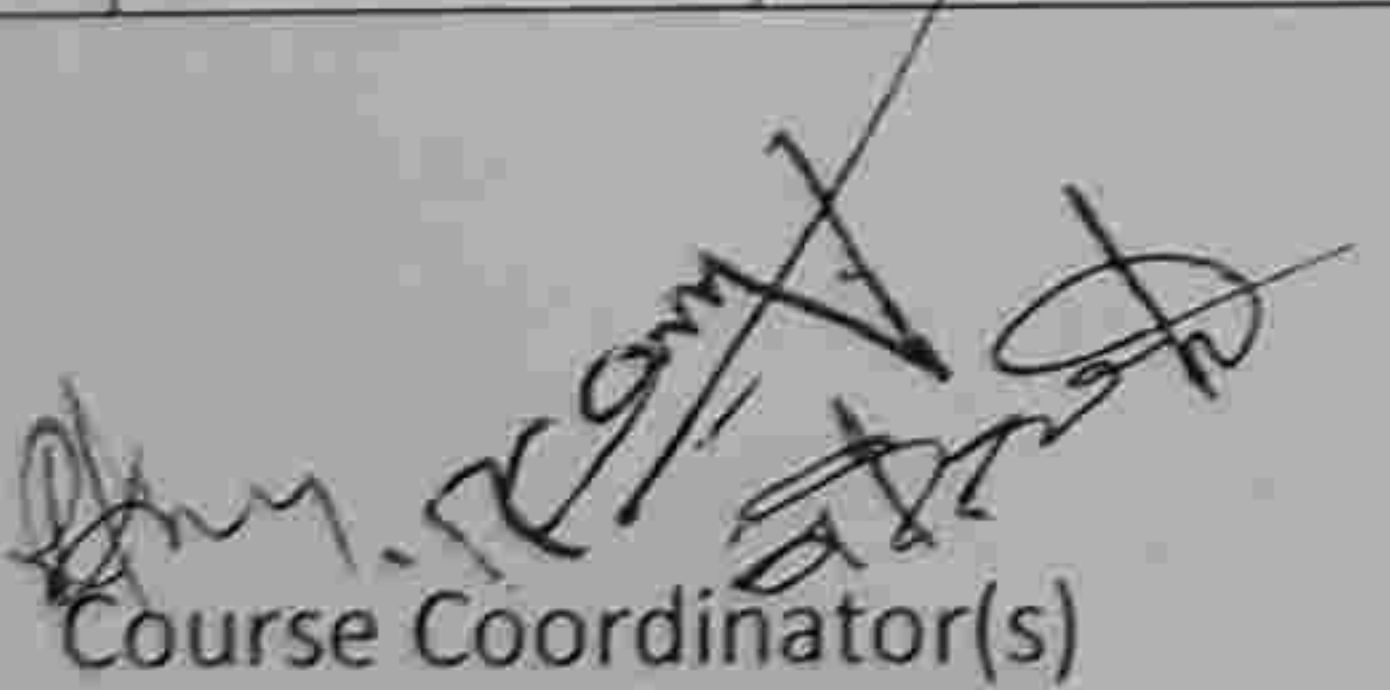Total Number of Students: 60

Date: 17.02.2024

Attended Students: 59

Trainer Name: SASIDHARAN·S , TRAINER, HRLYTICS

Day 6 – 17.02.2024

Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature		
					Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
1	II CSE	A	22UCS074	SRIMATHI M			
2	II CSE	A	22UCS135	MANOJKUMAR G			
3	II CSE	A	22UCS017	SHRUTHI I			
4	II CSE	A	22UCS097	MADHU MIDHA S M			
5	II CSE	A	22UCS063	DHARUNIKA M			
6	II CSE	A	22UCS142	SINIVASAN S			
7	II CSE	A	22UCS141	SIBI MANI BHARATHI S P			
8	II CSE	A	22UCS083	SELVAKUMAR T			
9	II CSE	A	22UCS110	JEYANTH E			
10	II CSE	A	22UCS095	ANUSHA T R			
11	II CSE	A	22UCS145	RAJESH S			
12	II CSE	A	22UCS050	JANANI N			
13	II CSE	A	22UCS092	ASHWIN G R			
14	II CSE	A	22UCS132	MADHURAVENI J			
15	II CSE	A	22UCS048	HANSHIKHAA R S			
16	II CSE	B	22UCS130	ROHINIPANDI.M			
17	II CSE	B	22UCS041	LATHA.V			
18	II CSE	B	22UCS077	SANJANA.B			
19	II CSE	B	22UCS094	GOWSALYA.A			
20	II CSE	B	22UCS009	SURESHBHARATHI.B			
21	II CSE	B	22UCS006	SIBI RAJAN.A			
22	II CSE	B	22UCS052	PRIYANGA SRI.K			
23	II CSE	B	22UCS151	SHRI SABARISASTHA.R			
24	II CSE	B	22UCS106	GURULAKSHMI.G	AB	AB	AB
25	II CSE	B	22UCS122	AKASH ARUMUGAM.S			
26	II CSE	B	22UCS021	SANTHIYA.B			
27	II CSE	B	22UCS133	SANTHOSH KUMAR.S			
28	II CSE	B	22UCS061	RAJESHWARI.R			
29	II CSE	B	22UCS032	JOEL JONES.J			
30	II CSE	C	22UCS087	PAVITHRA M		M.Pavithra	M.Pavithra

Sl. No.	Dept.	Section	Roll.No.	Student Name	Student Signature		
					Session 1 9.10 AM – 10.50 AM	Session 2 11.10 AM – 12.50 PM	Session 3 1.30 PM – 4.00 PM
31	II CSE	C	22UCS096	POONKUZHALI P	P.Poonkuzhi	P.Poonkzhali	P.Poonkzl
32	II CSE	C	22UCS100	RAJESWARI H	H.Rajenn	H.Rajenn	H.Rajl
33	II CSE	C	22UCS108	GEORGE S	S.George	S.George	S.George
34	II CSE	C	22UCS113	ANUSHAA P S	OD	Anushaa P.S	AnushaaP.S
35	II CSE	C	22UCS117	JEYARAM R	R.Jeyaram	R.Jeyam	R.Jeyam
36	II CSE	C	22UCS121	JOHNPAUL P	P.John	P.John	P.Joh
37	II CSE	C	22UCS124	SIBI SURAJ V			
38	II CSE	C	22UCS125	SHARMILA P	shaf	shaf	shaf
39	II CSE	C	22UCS127	DIVYA R	Divyar	Divyar	Divyar
40	II CSE	C	22UCS139	MAHALAKSHMI P	P.mu	P.mu	P.mu
41	II CSE	C	22UCS140	RASHITHA ASHRAF M	M.Rashitha	M.Rashitha	M.Rashitha
42	II CSE	C	22UCS147	KAVIPRIYA N	Kani	Kavi	Kavi
43	II CSE	C	22UCS152	SHYAMVISHAAL K P			
44	II CSE	C	22UCS153	PRAVEEN KUMAR S	S.Praveen	S.Praveen	S.praveen
45	II CSE	C	22UCS156	VITHYA M	M.Vithya	M.Vithya	M.Vithya
46	II ADS	A	22UAD027	AKSHAYA.K.S	KSA	KSA	KSA
47	II ADS	A	22UAD037	VAISHNAVI.S	Vans	Vany	Vany
48	II ADS	A	22UAD010	MEDHANA.K	K.Medh	K.Medh	K.Medh
49	II ADS	A	22UAD041	PARANI DHARSHAN.B	P.bdh	P.bdh	P.bdh
50	II ADS	A	22UAD008	JEYA RIMAASRI.A.S	Jey	Jey	Jey
51	II ADS	A	22UAD035	ISHWARYA LAKSHMI.M	M.Ish	M.Ish	M.Ish
52	II ADS	A	22UAD022	JAI AKASH.R	R.Jay	R.Jay	R.Jakas
53	II ADS	A	22UAD051	SHARON.P	Shy	Shy	Shy
54	II ADS	A	22UAD032	GEETHAN.S	Git	Git	Chit
55	II ADS	A	22UAD036	SELVAPANDEESWARAN.V	V.Syd	V.Syd	V.Syd
56	II ADS	A	22UAD057	SYED NAZMUDEEN.S	OD	OD	OD
57	II ADS	A	22UAD033	HAREN GURU.V	Gur	Gur	Gur
58	II ADS	A	22UAD047	VISHNU PRITHVI.C	C.Vish	C.Vish	C.Vish
59	II ADS	A	22UAD059	GOKULAVASAN.J	J.Go	J.Go	J.Go
60	II ADS	A	22UAD058	NISANTH KRISHNA.M	M.An	M.An	M.An

Trainer(s)
S.SASIDHARAN.

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Dr. G. Uma Maheswari AP -CSE

HoD - CSE
Dr. A. Meenakshi
Professor

Review: MASTERING THE ART OF CODING - JAVA PROGRAMMING (EXTERNAL ASSESSMENT)

Respondent

55   AKASH ARUMUGAM.S   **01:48**   **42/60**
                                      Time to complete   Points

1. Enter Your Roll Number *   Score   / 0 pts

   22ucs122

2. Enter Your Register Number *   Score   / 0 pts

   920422104008

3. Enter Your Name *   Score   / 0 pts

   S. Akash Arumugam

4. Choose Your Department *

Score   / 0 pts

○ IIA-CSE

◉ IIB-CSE

○ IIC-CSE

○ II-ADS

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

5. Which of the following are legal lines of Java code?

    i. int w = (int)888.8;

    ii. byte x = (byte)100L;

    iii. long y = (byte)100;

    iv. byte z = (byte)100L; *

○ 1 and 2

◉ 2 and 3

○ 3 and 4

All statements are correct ✓

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

6. What is the output of the following program?

List<String> names = Arrays.asList("ABC", "CAB", "BCA");

String result = <u>names.stream</u>().reduce("", (a, b) ->
a + b.charAt(1));
  System.*out*.println(result); *

○   "ABC"

◉   "ACB"

○   "BAC" ✓

○   "CBA"

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

7. Which statement is true about Java? *

○   Java is a sequence-dependent programming language

◉   Java is a code dependent programming language

○   Java is a platform-dependent programming language

○   Java is a platform-independent programming
language   ✓

✓ **Correct** 1/1 Points

1   / 1 pt
Auto-graded

8. What is the purpose of the finally block in a Java try-catch-finally construct? *

○ To catch and handle exceptions thrown in the try block

◉ To execute code regardless of whether an exception is thrown or not   ✓

○ To define the conditions for handling exceptions

○ To provide an alternate code path when an exception occurs

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

9. Which of these is an incorrect array declaration? *

◉ int arr[] = new int[5]

○ int [] arr = new int[5]

◉ int arr[] = new int[5]

○ int arr[] = int [5] new   ✓

X **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

10. Which Scanner class method is used to read
    String value? *

    ○ nextLine()

    ○ next()

    ◉ readString()

    ○ Both a & b ✓

X **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

11. Which method can be defined only once in a
    program? *

    ○ main method ✓

    ○ finalize method

    ◉ static method

    ○ private method

X **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

12. Which of the following modifier means a particular variable cannot be accessed within the package? *

○ private ✓

◉ public

○ protected

○ default

X **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

13. How many copies of static and class variables are created when 10 objects are created of a class? *

○ 1, 10 ✓

○ 10, 10

◉ 10, 1

○ 1, 1

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

14. Using which of the following, multiple inheritance in Java can be implemented? *

   ◯ Interfaces ✓

   ⦿ Multithreading

   ◯ Protected methods

   ◯ Private methods

✓ **Correct** 1/1 Points

1   / 1 pt
Auto-graded

15. **Abstract methods of abstract classes are mandatory to be overridden by sub classes. Is that true?** *

   ⦿ Yes ✓

   ◯ No

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

16. Which of these packages contains abstract keyword? *

○ java.lang ✓

◉ java.util

○ java.io

○ java.system

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

17. Which concept of Java is a way of converting real world objects in terms of class? *

○ Polymorphism

◉ Encapsulation

○ Abstraction ✓

○ Inheritance

✕ Incorrect 0/1 Points

0   / 1 pt
Auto-graded

18. Predict the output of following Java program

```
class Test {
  int i;
}
class Main {
  public static void main(String args[]) {
    Test t = new Test();
    System.out.println(t.i);
  }
} *
```

🔘 garbage value

⚪ 0 ✓

⚪ compiler error

⚪ runtime error

✓ Correct 1/1 Points

1   / 1 pt
Auto-graded

19. Which of the following is the correct way of implementing an interface A by class B? *

⚪ class B extends A{}

🔘 class B implements A{} ✓

class B imports A{}

None of the mentioned

X **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

20. What is the output of the following code
    snippet?

```
int i = 0;
while (i < 3) {
    System.out.print(i + " ");
    i++;
}   *
```

○   0 1 2 ✓

◉   1 2 3

○   0 1 2 3

○   Infinite loop

✗ **Incorrect** 0/1 Points   0   / 1 pt

Auto-graded

21. Predict the output of following Java program.

```
class Test {
    public static void main(String[] args) {
        for(int i = 0; 0; i++)
        {
            System.out.println("Hello");

            break;
        }
    }
} *
```

○   Hello

◉   Empty Output

○   Compiler error ✓

○   Runtime error

                                          0   / 1 pt

✗ **Incorrect** 0/1 Points   Auto-graded

22. What is Collection in Java? *

○   A group of objects ✓

○   A group of classes

◉   A group of interfaces

   None of the mentioned

✓ **Correct** 1/1 Points

<div align="right">
1   / 1 pt
Auto-graded
</div>

23. Can we call static methods using this from non static methods *

   🔘 Yes ✓

   ⭕ No

✗ **Incorrect** 0/1 Points

<div align="right">
0   / 1 pt
Auto-graded
</div>

24. Which of the following is/are advantages of packages? *

   ⭕ Packages avoid name clashes

   🔘 Classes, even though they are visible outside their package, can have fields visible to packages only

   ⭕ We can have hidden classes that are used by the packages, but not visible outside.

   ⭕ All of the above ✓

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

25. Consider the following class definition: public
class MyClass { private int value; public void
setValue(int i){ / code / } // Other methods... }
The method setValue assigns the value of i to the
instance field value. What could you write for the
implementation of setValue? *

○   this.value = i;

◉   value == i;

○   value = i;

○   Both 1 & 3   ✓

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

26. What will be printed as the output of the
following program? public class testincr { public
static void main(String args[]) { int i = 0; i = i++ +
i; System.out.println("I = " +i); } } *

○   I=1   ✓

◉   I=2

○   Error

○   I=0

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

27. Which of the following is used to find and fix bugs in the program? *

    ◯ JDK

    ⦿ JRE

    ◯ JVM

    ◯ JDB ✓

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

28. When is the object created with new keyword? *

    ◯ At run time ✓

    ⦿ At compile time

    ◯ Depends on the code

    ◯ None

✕ **Incorrect** 0/1 Points

0 / 1 pt

Auto-graded

29. Which is a valid declaration within an interface? *

○ public static short stop = 23; ✓

○ protected short stop = 23;

◉ transient short stop = 23;

○ final void madness(short stop);

✕ **Incorrect** 0/1 Points

0 / 1 pt

Auto-graded

30. Output of Math.floor(3.6)? *

○ 3

○ 3.0 ✓

○ 4

◉ 4.0

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

✕ Inc

33. W

31. Which of the following statements is/are TRUE regarding JAVA ?
a.   Constants that cannot be changed are declared using the 'static' keyword.
b.   A class can only inherit one class but can implement multiple interfaces. *

○ Only (a) is TRUE.

○ Only (b) is TRUE. ✓

◉ Both (a) and (b) are TRUE.

○ Neither (a) nor (b) are TRUE.

✓ **Correct** 1/1 Points

1   / 1 pt
Auto-graded

32. The default constructor is used for *

○ Calling default methods

◉ Intializing default values to objects ✓

○ Deferencing default objects

○ All of above

✕ **Incorrect** 0/1 Points

0 / 1 pt

Auto-graded

33. Which of these keywords must be used to handle the exception thrown by try block in some rational manner? *

○ try

◉ finally

○ throw

○ catch ✓

✕ **Incorrect** 0/1 Points

0 / 1 pt

Auto-graded

34. Which of the following interface is not a functional interface? *

○ An interface with a single abstract method

◉ An interface with an abstract method and a default method

An interface with an abstract method and an equals() method

An interface with an abstract method and a run() method ✓

✕ **Incorrect** 0/2 Points   0   / 2 pts

                                                          Auto-graded

35. What will be the output of the following Java
    code?

```
class area {
    public static void main(String args[])
    {
        double r, pi, a;
        r = 9.8;
        pi = 3.14;
        a = pi * r * r;
        System.out.println(a);
    }
}
```
    *

   ○ 301.5656 ✓

   ◉ 301

   ○ 301.56

   ○ 301.56560000

X **Incorrect** 0/2 Points   0   / 2 pts

Auto-graded

36. What will be the output of the following Java
    code?
    class char_increment
        {
            public static void main(String args[])
            {
                char c1 = 'D';
                char c2 = 84;
                c2++;

                c1++;
                System.out.println(c1 + " " + c2);
            }
        }
        *

○ E U ✓

◉ U E

○ V E

○ U F

✕ **Incorrect** 0/2 Points

0   / 2 pts

Auto-graded

37. What will be the output?

```
public class Test{
    public static void main(String[] args){
        int[] x = new int[3];
        System.out.println("x[0] is " + x[0]);
    }
}
```
*

○ The program has a compile error because the size of the array wasn't specified when declaring the array.

○ The program has a runtime error because the array elements are not initialized.

○ The program runs fine and displays x[0] is 0. ✓

◉ The program has a runtime error because the array element x[0] is not defined.

Course Coordinators

Mr. V. Rajesh Kannan, AP-CSE
Mr. R. Kumaravel, AP-CSE
Mr. G. Praveen kumar, AP-CSE

VAC Course Incharges
Dr. G. Uramaheshwari
Dr. G. Nirmala

HOD/CSE
Dr. A. Meenakshi

MASTERING THE ART OF CODING - JAVA PROGRAMMING (EXTERNAL ASSESSMENT)

60 Responses **37.1** Average Score **22:12** Average time to complete **Active** Status

1. Enter Your Roll Number (0 point)

60

Responses

Latest Responses

"22uad032"

"22uad036"

"22uad059"

1 respondents (2%) answered **22UAD035** for this question.

22UCS050 22uad008
22ucs127 22ucs021 22ucs132 22ucs063
22UAD010 22ucs156 22UAD035 22ucs135 22u
22ucs153 22us074 22UCS113 22ucs041 22u
22ucs095 22UCS087 22ucs

2. Enter Your Register Number (0 point)

60

Responses

Latest Responses

"920422243012"

"920422243043"

"920422243013"

1 respondents (**2%**) answered **920422243017** for this question.

9204221041569204221040359204221040811920422

920422243027   920422104046920422104133 967777734&

920422104134   920422243017   920422104

92042210417492042210409392042210 4144   92

92042210409092042210412292042210401592042210 4(

3. Enter Your Name (0 point)

60

Responses

Latest Responses

"Geethan S"

"V.Selvapandeeswaran"

"J.Gokulavasan"

6 respondents (**10%**) answered **S** for this question.

Poonkuzhali P   Mahalakshmi P VITHYA M

S Akash Arumugam Sibi   **S**   B Kumar A S Jeya r

A Sibi Rajan   M   P

Rashitha Ashraf   Geethan S   Rajesh S

Sureshbharathi B   SANJANA B   Sharmila P   Pa

4. Choose Your Department (0 point)

●	IIA-CSE	15
○	IIB-CSE	14
●	IIC-CSE	17
●	II-ADS	14
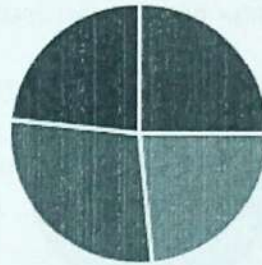
5. Which of the following are legal lines of Java code? (1 point)

    i. int w = (int)888.8;

    ii. byte x = (byte)100L;

    iii. long y = (byte)100;

    iv. byte z = (byte)100L;

43% of respondents (26 of 60) answered this question correctly.

●	1 and 2	4
●	2 and 3	12
●	3 and 4	18
●	All statements are correct	26 ✓
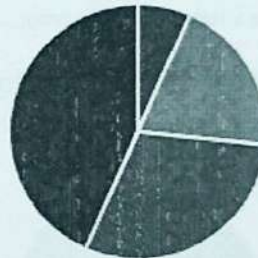
6. What is the output of the following program?   (1 point)

List<String> names = Arrays.asList("ABC", "CAB", "BCA");

String result = names.stream().reduce("", (a, b) -> a + b.charAt(1));
System.*out*.println(result);
55% of respondents (33 of 60) answered this question correctly.

● "ABC"	6	
● "ACB"	17	
● "BAC"	33	✓
● "CBA"	4	
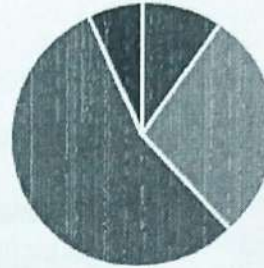
7. Which statement is true about Java? (1 point)
85% of respondents (51 of 60) answered this question correctly.

● Java is a sequence-dependent p...	2	
● Java is a code dependent progr...	4	
● Java is a platform-dependent pr...	3	
● Java is a platform-independent ...	51	✓
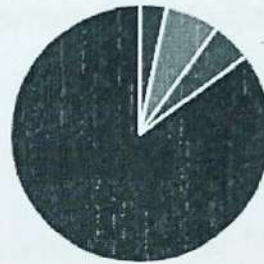
8. What is the purpose of the finally block in a Java try-catch-finally construct? (1 point)
77% of respondents (46 of 60) answered this question correctly.

● To catch and handle exceptions ...	10	
● To execute code regardless of w...	46	✓
● To define the conditions for han...	1	
● To provide an alternate code pa...	3	
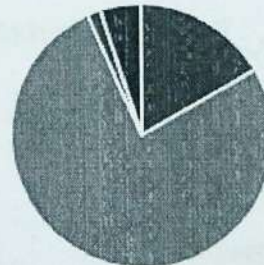
9. Which of these is an incorrect array declaration? (1 point)
65% of respondents (39 of 60) answered this question correctly.

● int arr[] = new int[5]	13	
● int [] arr = new int[5]	8	
● int arr[] = new int[5]	13	
● int arr[] = int [5] new	39	✓
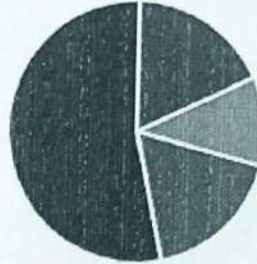
10. Which Scanner class method is used to read String value? (1 point)
48% of respondents (29 of 60) answered this question correctly.

● nextLine()	25	
● next()	3	
● readString()	3	
● Both a & b	29	✓
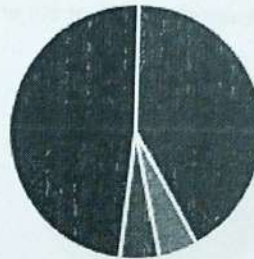
11. Which method can be defined only once in a program? (1 point)
83% of respondents (50 of 60) answered this question correctly.

● main method	50	✓
● finalize method	5	
● static method	5	
● private method	0	
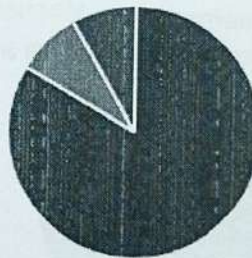
12. Which of the following modifier means a particular variable cannot be   (1 point)
accessed within the package?
72% of respondents (43 of 60) answered this question correctly.

private	43	✓
public	4	
protected	9	
default	4	
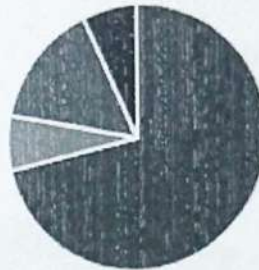
13. How many copies of static and class variables are created when 10 objects   (1 point)
are created of a class?
42% of respondents (25 of 60) answered this question correctly.

1, 10	25	✓
10, 10	8	
10, 1	12	
1, 1	15	
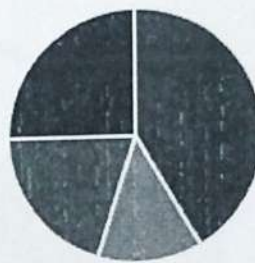
14. Using which of the following, multiple inheritance in Java can be   (1 point)
implemented?
77% of respondents (46 of 60) answered this question correctly.

Interfaces	46	✓
Multithreading	10	
Protected methods	4	
Private methods	0	
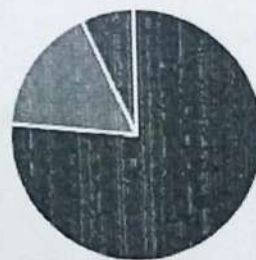
15. **Abstract methods of abstract classes are mandatory to be overridden by sub classes. Is that true?** (1 point)

78% of respondents (47 of 60) answered this question correctly.

Yes

No

47 ✓

13
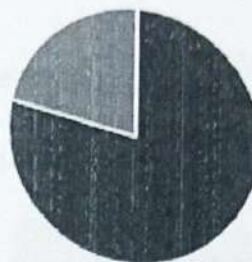
16. Which of these packages contains abstract keyword? (1 point)

55% of respondents (33 of 60) answered this question correctly.

java.lang   33 ✓

java.util   14

java.io   9

java.system   4

17. Which concept of Java is a way of converting real world objects in terms of (1 point) class?

70% of respondents (42 of 60) answered this question correctly.

Polymorphism   8

Encapsulation   7

Abstraction   42 ✓

Inheritance   3
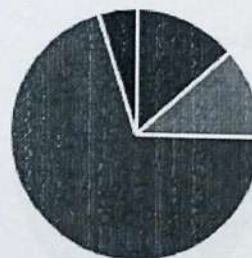
18. **Predict the output of following Java program** (1 point)

```
class Test {
  int i;
}
class Main {
  public static void main(String args[]) {
    Test t = new Test();
    System.out.println(t.i);
  }
}
```

63% of respondents (38 of 60) answered this question correctly.

	garbage value	10
	0	38 ✓
	compiler error	10
	runtime error	2
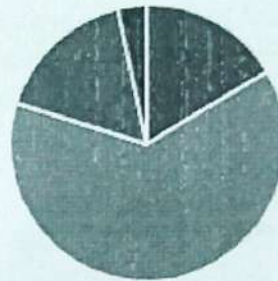
19. **Which of the following is the correct way of implementing an interface A** (1 point) **by class B?**

87% of respondents (52 of 60) answered this question correctly.

	class B extends A{}	3
	class B implements A{}	52 ✓
	class B imports A{}	2
	None of the mentioned	3
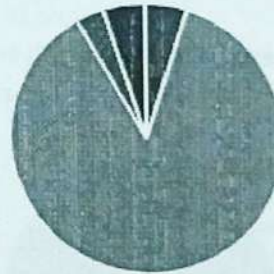
20. What is the output of the following code snippet? (1 point)

```
int i = 0;
while (i < 3) {
    System.out.print(i + " ");
    i++;
}
```

87% of respondents (52 of 60) answered this question correctly.

●	0 1 2	52 ✓
●	1 2 3	6
●	0 1 2 3	2
●	Infinite loop	0
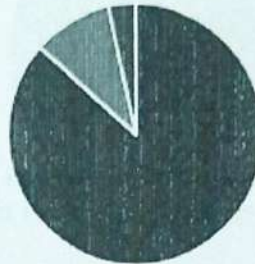
21. Predict the output of following Java program. (1 point)

```
class Test {
    public static void main(String[] args) {
        for(int i = 0; 0; i++)
        {
            System.out.println("Hello");

            break;
        }
    }
}
```

53% of respondents (32 of 60) answered this question correctly.

●	Hello	16
●	Empty Output	10
●	Compiler error	32 ✓
●	Runtime error	2
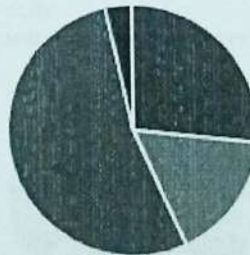
22. What is Collection in Java? (1 point)
50% of respondents (30 of 60) answered this question correctly.

● A group of objects   30 ✓

◐ A group of classes   10

● A group of interfaces   17

● None of the mentioned   3
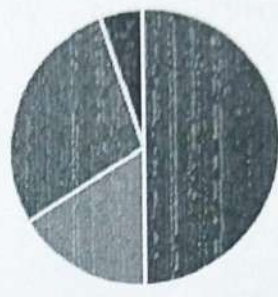
23. Can we call static methods using this from non static methods (1 point)
35% of respondents (21 of 60) answered this question correctly.

● Yes   21 ✓

● No   39
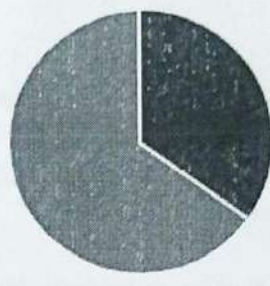
24. Which of the following is/are advantages of packages? (1 point)
70% of respondents (42 of 60) answered this question correctly.

● Packages avoid name clashes   4

◐ Classes, even though they are vi... 9

● We can have hidden classes that... 5

● All of the above   42 ✓
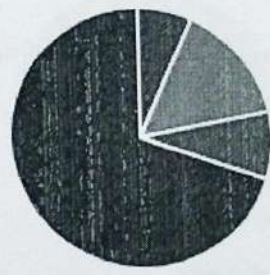
25. Consider the following class definition: public class MyClass { private int   (1 point)
    value; public void setValue(int i){ / code /} // Other methods... } The
    method setValue assigns the value of i to the instance field value. What
    could you write for the implementation of setValue?
    27% of respondents (16 of 60) answered this question correctly.

    ● this.value = i;   28

    ● value == i;   8

    ● value = i;   8

    ● Both 1 & 3   16 ✓
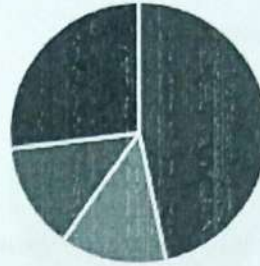
26. What will be printed as the output of the following program? public class   (1 point)
    testincr { public static void main(String args[]) { int i = 0; i = i++ + i;
    System.out.println("I = " +i); } }
    53% of respondents (32 of 60) answered this question correctly.

    ● I=1   32 ✓

    ● I=2   6

    ● Error   13

    ● I=0   9
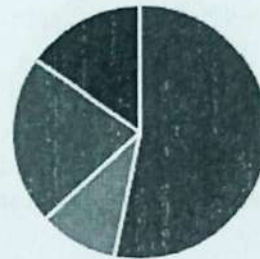
27. Which of the following is used to find and fix bugs in the program? (1 point)
    48% of respondents (29 of 60) answered this question correctly.

    ● JDK   14

    ● JRE   4

    ● JVM   13

    ● JDB   29 ✓
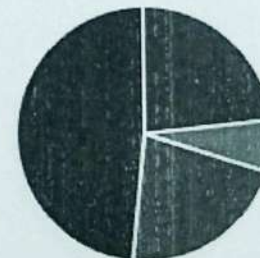
28. When is the object created with new keyword? (1 point)
    67% of respondents (40 of 60) answered this question correctly.

At run time	40 ✓
At compile time	12
Depends on the code	7
None	1
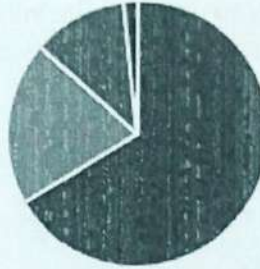
29. Which is a valid declaration within an interface? (1 point)
    77% of respondents (46 of 60) answered this question correctly.

public static short stop = 23;	46 ✓
protected short stop = 23;	6
transient short stop = 23;	6
final void madness(short stop);	2

30. Output of Math.floor(3.6)? (1 point)
    58% of respondents (35 of 60) answered this question correctly.

3	18
3.0	35 ✓
4	5
4.0	2
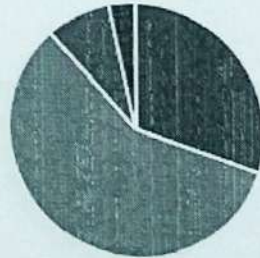
31. Which of the following statements is/are TRUE regarding JAVA ?   (1 point)
    a.   Constants that cannot be changed are declared using the 'static' keyword.
    b.   A class can only inherit one class but can implement multiple interfaces.
    38% of respondents (23 of 60) answered this question correctly.

    Only (a) is TRUE.   6
    Only (b) is TRUE.   23 ✓
    Both (a) and (b) are TRUE.   30
    Neither (a) nor (b) are TRUE. 1
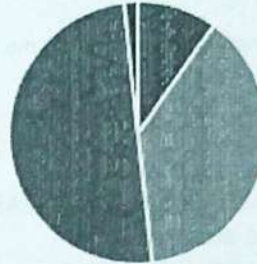
32. The default constructor is used for (1 point)
    80% of respondents (48 of 60) answered this question correctly.

    Calling default methods   2
    Intializing default values to obje... 48 ✓
    Deferencing default objects   1
    All of above   9
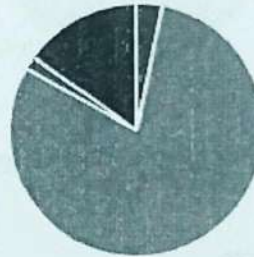
33. Which of these keywords must be used to handle the exception thrown by   (1 point)
    try block in some rational manner?
    77% of respondents (46 of 60) answered this question correctly.

    try   3
    finally   6
    throw   5
    catch   46 ✓
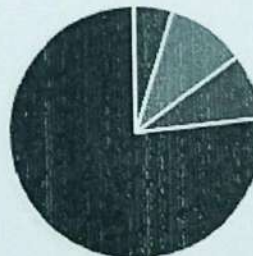
34. Which of the following interface is not a functional interface? (1 point)
23% of respondents (14 of 60) answered this question correctly.

● An interface with a single abstra... 7

● An interface with an abstract me... 10

● An interface with an abstract me... 29

● An interface with an abstract me... 14 ✓
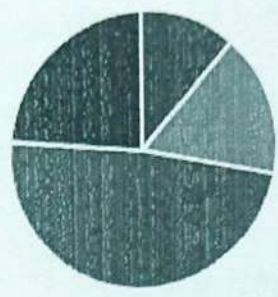
35. What will be the output of the following Java code? (2 points)

```java
class area {
    public static void main(String args[])
    {
        double r, pi, a;
        r = 9.8;
        pi = 3.14;
        a = pi * r * r;
        System.out.println(a);
    }
}
```

70% of respondents (42 of 60) answered this question correctly.

● 301.5656   42 ✓

● 301   6

● 301.56   6

● 301.56560000   6
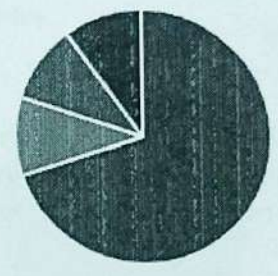
36. What will be the output of the following Java code? (2 points)

```
class char_increment
{
    public static void main(String args[])
    {
        char c1 = 'D';
        char c2 = 84;
        c2++;
        c1++;
        System.out.println(c1 + " " + c2);
    }
}
```

68% of respondents (41 of 60) answered this question correctly.

● E U	41	✓
● U E	14	
● V E	4	
● U F	1	
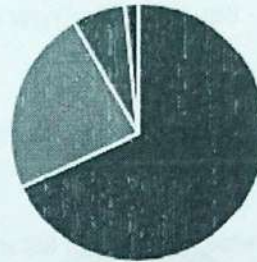
37. What will be the output?   (2 points)

```
public class Test{
    public static void main(String[] args){
        int[] x = new int[3];
        System.out.println("x[0] is " + x[0]);
    }
}
```

63% of respondents (38 of 60) answered this question correctly.

● The program has a compile erro...	4	
● The program has a runtime erro...	8	
● The program runs fine and displ...	38	✓
● The program has a runtime erro...	10	
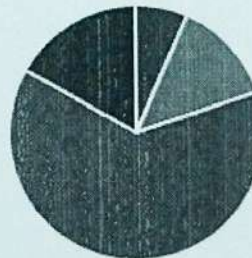
38. What will be the output of the following Java program? (2 points)

```java
class equality
{
    int x;
    int y;
    boolean isequal()
    {
        return(x == y);
    }
}
class Output
{
    public static void main(String args[])
    {
        equality obj = new equality();
        obj.x = 5;
        obj.y = 5;
        System.out.println(obj.isequal());
    }
}
```

88% of respondents (53 of 60) answered this question correctly.

false	1	
true	53	✓
0	3	
1	3	
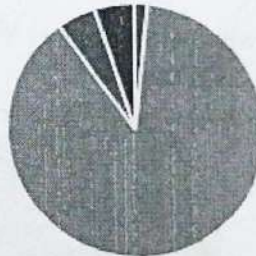
39. What will be the output of the following Java program? (2 points)

```
class recursion
  {
  int func (int n)
  {
  int result;
  if (n == 1)
  return 1;
  result = func (n - 1);
  return result;
  } }
  class Output
  {   public static void main(String args[])
  {
  recursion obj = new recursion() ;
  System.out.print(obj.func(5));
  }
  }
```

37% of respondents (22 of 60) answered this question correctly.

● 0	9	
● 1	22	✓
● 120	20	
● None of the mentioned	9	
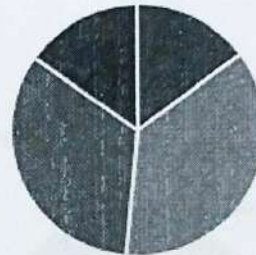
40. What will be the output of the following Java program? (2 points)

```
final class A
{
    int i;
}
class B extends A
{
    int j;
    System.out.println(j + " " + i);
}
class inheritance
{
    public static void main(String args[])
    {
        B obj = new B();
        obj.display();
    }
}
```

58% of respondents (35 of 60) answered this question correctly.

● 2 2	3
● 3 3	9
● Runtime Error	13
● Compilation Error	35 ✓
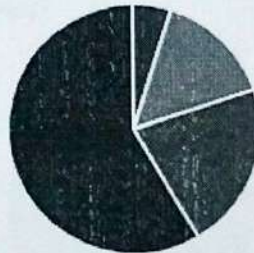
41. What will be the output of the following Java code? (2 points)

```
class A
{   int i;
 void display()
 {   System.out.println(i);
 } }
 class B extends A
 {
 int j;
 void display()
 {
 System.out.println(j);
 }
 }
 class method_overriding
 {
 public static void main(String args[])
 {
  B obj = new B();
  obj.i=1;
  obj.j=2;
 obj.display();
 }   }
```

65% of respondents (39 of 60) answered this question correctly.

● 0	3
● 1	9
● 2	39 ✓
● Compilation Error	9
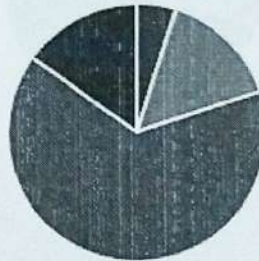
42. What will be the output of the following Java code? (2 points)

```
class output
{
public static void main(String args[])
{
StringBuffer s1 = new StringBuffer("Hello");
s1.setCharAt(1,'x');
System.out.println(s1);
}
}
```

80% of respondents (48 of 60) answered this question correctly.

● xello	5	
● xxxxx	4	
● Hxllo	48	✓
● Hexlo	3	
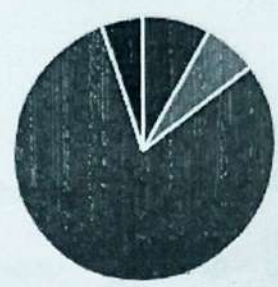
43. What will be the output of the following Java program? (2 points)

```
interface calculate
 {
  void cal(int item);
  }
class display implements calculate
 {
  int x;
public void cal(int item)
 {
  x = item * item;
 } }
public static void main(String args[])
 {
display arr = new display;
arr.x = 0;
 arr.cal(2);
System.out.print(arr.x);
 }  }
```

57% of respondents (34 of 60) answered this question correctly.

● 0	5	
● 2	13	
● 4	34 ✓	
● None of the mentioned	8	
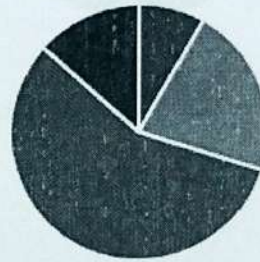
44. What will be the output of the following Java program? (2 points)

```
import java.util.*;
class Array
{
public static void main(String args[])
{
int array[] = new int [5];
 for (int i = 5; i > 0; i--)
array[5-i] = i;
Arrays.fill(array, 1, 4, 8);
  }  }
```

47% of respondents (28 of 60) answered this question correctly.

● 12885	6	
● 12845	15	
● 58881	28	✓
● 54881	11	
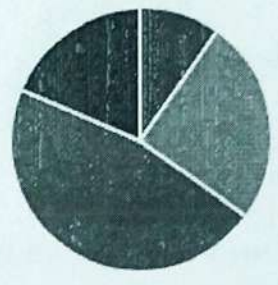
45. What will be the output of the following Java program? (2 points)
```
import java.util.*;

class Arraylist
{
 public static void main(String args[])
 {
 ArrayList obj = new ArrayList();
 obj.add("A");
 obj.add("B");
 obj.add("C");
 obj.add(1, "D");
 System.out.println(obj); } }
```
78% of respondents (47 of 60) answered this question correctly.

● [A, B, C, D]	6	
● [A, D, B, C]	47	✓
● [A, D, C]	7	
● [A, B, C]	0	
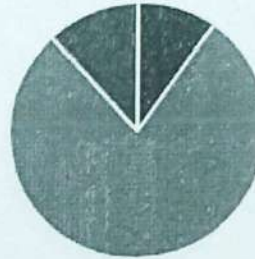
46. What will be the output of the following program? (2 points)
```
public class Test2 {
public static void main(String[] args) {
StringBuffer s1 = new StringBuffer("Complete");
s1.setCharAt(1,'i');
s1.setCharAt(7,'d');
System.out.println(s1);  }
 }
```
67% of respondents (40 of 60) answered this question correctly.

● Complete	8	
● Iomplede	4	
● Cimpletd	40	✓
● Coipletd	8	

47. Find the output of the following code.   (2 points)

```
Public class Solution{
      Public static void main(String args[]){
            Int i;
            for(i = 1; i < 6; i++){
               if(i > 3) continue;
            }
            System.out.println(i);
      }
}
```

45% of respondents (27 of 60) answered this question correctly.

3

4

5

6

5

19

9

27 ✓
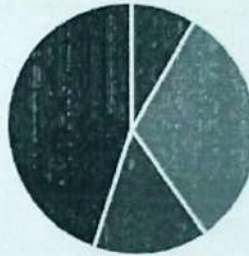
48. Predict the output?   (2 points)

```
package main;
class T {
  int t = 20;
}
class Main {
  public static void main(String args[]) {
    T t1 = new T();
    System.out.println(t1.t);
  }
}
```

72% of respondents (43 of 60) answered this question correctly.

20	43 ✓	
0	6	
Compiler Error	11	
6	0	
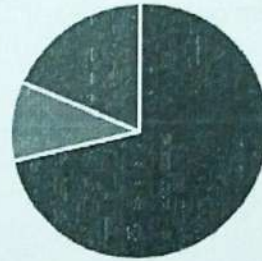
49. What will be the output of the following Java program? (2 points)

```
class exception_handling
{
  public static void main(String args[])
  {
  try
  {
  int i, sum;
  sum = 10;
  for (i = -1; i < 3 ;++i)
  sum = (sum / i);  }
  catch(ArithmeticException e)
  {
  System.out.print("0");
  }
  System.out.print(sum);
  }
  }
```

40% of respondents (24 of 60) answered this question correctly.

●	0	20
●	05	7
◐	Compiler Error	24 ✓
●	Runtime Error	9

VAL-INCHARGE

V-RAJESH KANNAN·
G TRAVEEN KUMAR.

VAL-COORDINATORS

DY-G·UMA MAHESWARI
DY-G· NIRMALA·

HOD-CSE·

DY-A·MEENAKSHI.

Review: MASTERING THE ART OF CODING - JAVA PROGRAMMING (EXTERNAL ASSESSMENT)

Respondent

49   RAJESWARI.H

09:27
Time to complete

48/60
Points

1. Enter Your Roll Number *

Score   / 0 pts

22ucs10p

2. Enter Your Register Number *

Score   / 0 pts

920422104123

3. Enter Your Name *

Score   / 0 pts

Rajeswari H

4. Choose Your Department *

Score   / 0 pts

○ IIA-CSE

○ IIB-CSE

◉ IIC-CSE

○ II-ADS

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

5. Which of the following are legal lines of Java code?

     i. int w = (int)888.8;

    ii. byte x = (byte)100L;

   iii. long y = (byte)100;

   iv. byte z = (byte)100L; *

○ 1 and 2

○ 2 and 3

◉ 3 and 4

○ All statements are correct ✓

✓ **Correct** 1/1 Points

1   / 1 pt

Auto-graded

6. What is the output of the following program?

List<String> names = Arrays.asList("ABC", "CAB", "BCA");

String result = names.stream().reduce("", (a, b) ->
a + b.charAt(1));
 System.out.println(result); *

○ "ABC"

○ "ACB"

◉ "BAC" ✓

○ "CBA"

✓ **Correct** 1/1 Points

1   / 1 pt

Auto-graded

7. Which statement is true about Java? *

○ Java is a sequence-dependent programming language

○ Java is a code dependent programming language

○ Java is a platform-dependent programming language

◉ Java is a platform-independent programming
language   ✓

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

8. What is the purpose of the finally block in a Java try-catch-finally construct? *

○ To catch and handle exceptions thrown in the try block

○ To execute code regardless of whether an exception is thrown or not   ✓

⦿ To define the conditions for handling exceptions

○ To provide an alternate code path when an exception occurs

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

9. Which of these is an incorrect array declaration? *

⦿ int arr[] = new int[5]

○ int [] arr = new int[5]

⦿ int arr[] = new int[5]

○ int arr[] = int [5] new   ✓

✓ **Correct** 1/1 Points

1   / 1 pt
Auto-graded

10. Which Scanner class method is used to read
String value? *

   ◯ nextLine()

   ◯ next()

   ◯ readString()

   ◉ Both a & b ✓

✓ **Correct** 1/1 Points

1   / 1 pt
Auto-graded

11. Which method can be defined only once in a
program? *

   ◉ main method ✓

   ◯ finalize method

   ◯ static method

   ◯ private method

✓ **Correct** 1/1 Points

1   / 1 pt
Auto-graded

12. Which of the following modifier means a particular variable cannot be accessed within the package? *

- ◉ private ✓

- ○ public

- ○ protected

- ○ default

✓ **Correct** 1/1 Points

1   / 1 pt
Auto-graded

13. How many copies of static and class variables are created when 10 objects are created of a class? *

- ◉ 1, 10 ✓

- ○ 10, 10

- ○ 10, 1

- ○ 1, 1

✓ **Correct** 1/1 Points

14. Using which of the following, multiple inheritance in Java can be implemented? *

  ◉ Interfaces ✓

  ○ Multithreading

  ○ Protected methods

  ○ Private methods

✓ **Correct** 1/1 Points

15. **Abstract methods of abstract classes are mandatory to be overridden by sub classes. Is that true?** *

  ◉ Yes ✓

  ○ No

✕ **Incorrect** 0/1 Points   0   / 1 pt
                                                          Auto-graded

16. Which of these packages contains abstract
    keyword? *

    ○ java.lang ✓

    ○ java.util

    ◉ java.io

    ○ java.system

✕ **Incorrect** 0/1 Points   0   / 1 pt
                                                          Auto-graded

17. Which concept of Java is a way of converting real
    world objects in terms of class? *

    ○ Polymorphism

    ○ Encapsulation

    ○ Abstraction ✓

    ◉ Inheritance

X **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

18. **Predict the output of following Java program**

```
class Test {
  int i;
}
class Main {
  public static void main(String args[]) {
    Test t = new Test();
    System.out.println(t.i);
  }
} *
```

○ garbage value

○ 0 ✓

◉ compiler error

○ runtime error

✓ **Correct** 1/1 Points

1   / 1 pt
Auto-graded

19.   following is the correct way of
Implementing an interface A by class B? *

○ class B extends A{}

◉ class B implements A{} ✓

○ class B imports A{}

○ None of the mentioned

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

20. What is the output of the following code snippet?

```
int i = 0;
while (i < 3) {
    System.out.print(i + " ");
    i++;
} *
```

- ⦿ 0 1 2 ✓
- ◯ 1 2 3
- ◯ 0 1 2 3
- ◯ Infinite loop

✓ **Correct** 1/1 Points

1   / 1 pt
Auto-graded

21. Predict the output of following Java program.
```
class Test {
    public static void main(String[] args) {
        for(int i = 0; 0; i++)
        {
            System.out.println("Hello");

            break;
        }

    }
} *
```

○ Hello

○ Empty Output

◉ Compiler error ✓

○ Runtime error

✗ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

22. What is Collection in Java? *

○ A group of objects ✓

◉ A group of classes

○ A group of interfaces

○ None of the mentioned

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

23. Can we call static methods using this from non static methods *

○ Yes ✓

◉ No

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

24. Which of the following is/are advantages of packages? *

○ Packages avoid name clashes

◉ Classes, even though they are visible outside their package, can have fields visible to packages only

○ We can have hidden classes that are used by the packages, but not visible outside.

○ All of the above ✓

✕ **Incorrect** 0/1 Points   0   / 1 pt
                                                                 Auto-graded

25. Consider the following class definition: public
    class MyClass { private int value; public void
    setValue(int i){ / code / } // Other methods... }
    The method setValue assigns the value of i to the
    instance field value. What could you write for the
    implementation of setValue? *

    ◯ this.value = i;

    ◯ value == i;

    ◉ value = i;

    ◯ Both 1 & 3 ✓

✕ **Incorrect** 0/1 Points   0   / 1 pt
                                                                 Auto-graded

26. What will be printed as the output of the
    following program? public class testincr { public
    static void main(String args[]) { int i = 0; i = i++ +
    i; System.out.println("I = " +i); } } *

    ◯ I=1 ✓

    ◯ I=2

    ◉ Error

    ◯ I=0

✕ **Incorrect** 0/1 Points   0   / 1 pt
                                                                    Auto-graded

27. Which of the following is used to find and fix
    bugs in the program? *

    ◯ JDK

    ◯ JRE

    ⦿ JVM

    ◯ JDB ✓

✕ **Incorrect** 0/1 Points   0   / 1 pt
                                                                    Auto-graded

28. When is the object created with new keyword? *

    ◯ At run time ✓

    ◯ At compile time

    ⦿ Depends on the code

    ◯ None

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

29. Which is a valid declaration within an interface? *

○ public static short stop = 23; ✓

○ protected short stop = 23;

◉ transient short stop = 23;

○ final void madness(short stop);

✕ **Incorrect** 0/1 Points

0   / 1 pt
Auto-graded

30. Output of Math.floor(3.6)? *

◉ 3

○ 3.0 ✓

○ 4

○ 4.0

✓ **Correct** 1/1 Points

31. Which of the following statements is/are TRUE regarding JAVA ?
    a.   Constants that cannot be changed are declared using the 'static' keyword.
    b.   A class can only inherit one class but can implement multiple interfaces. *

    ○ Only (a) is TRUE.

    ◉ Only (b) is TRUE. ✓

    ○ Both (a) and (b) are TRUE.

    ○ Neither (a) nor (b) are TRUE.

✓ **Correct** 1/1 Points

32. The default constructor is used for *

    ○ Calling default methods

    ◉ Intializing default values to objects ✓

    ○ Deferencing default objects

    ○ All of above

✕ **Incorrect** 0/1 Points

33. Which of these keywords must be used to handle
the exception thrown by try block in some
rational manner? *

◉ try

◯ finally

◯ throw

◯ catch ✓

✕ **Incorrect** 0/1 Points

34. Which of the following interface is not a
functional interface? *

◯ An interface with a single abstract method

◉ An interface with an abstract method and a default
method

◯ An interface with an abstract method and an equals()
method

◯ An interface with an abstract method and a run()
method   ✓

✓ **Correct** 2/2 Points

35. What will be the output of the following Java
code?

```
class area {
    public static void main(String args[])
    {
        double r, pi, a;
        r = 9.8;
        pi = 3.14;
        a = pi * r * r;
        System.out.println(a);
    }
}
*
```

⦿   301.5656 ✓

◯   301

◯   301.56

◯   301.56560000

✕ **Incorrect** 0/2 Points

0   / 2 pts
Auto-graded

36. What will be the output of the following Java code?

```java
class char_increment
    {
        public static void main(String args[])
        {
            char c1 = 'D';
            char c2 = 84;
            c2++;

            c1++;
            System.out.println(c1 + " " + c2);
        }

    }
*
```

○ E U ✓

○ U E

◉ V E

○ U F

0   / 2 pts

✕ **Incorrect** 0/2 Points

Auto-graded

37. What will be the output?

```java
public class Test{
        public static void main(String[] args){
                int[] x = new int[3];
                System.out.println("x[0] is " + x[0]);
        }
}
```
*

○ The program has a compile error because the size of the array wasn't specified when declaring the array.

◉ The program has a runtime error because the array elements are not initialized.

○ The program runs fine and displays x[0] is 0. ✓

○ The program has a runtime error because the array element x[0] is not defined.

✓ **Correct** 2/2 Points

2   / 2 pts
Auto-graded

38. What will be the output of the following Java program?

```
class equality
    {
        int x;
        int y;
        boolean isequal()
        {
            return(x == y);
        }
    }
    class Output
    {
    public static void main(String args[])
    {
        equality obj = new equality();
        obj.x = 5;
        obj.y = 5;
        System.out.println(obj.isequal());
    }
    }
    *
```

○ false

◉ true ✓

○ 0

○ 1

✕ **Incorrect** 0/2 Points

0   / 2 pts
Auto-graded

39. What will be the output of the following Java program?

```
class recursion
 {
  int func (int n)
  {
  int result;
  if (n == 1)
  return 1;
  result = func (n - 1);
  return result;
  } }
class Output
 {   public static void main(String args[])
  {
  recursion obj = new recursion() ;
  System.out.print(obj.func(5));
  }
  }
  *
```

○ 0

○ 1 ✓

◉ 120

○ None of the mentioned

✓ **Correct** 2/2 Points

40. What will be the output of the following Java program?

```
final class A
{
    int i;
}
class B extends A
{
   int j;
   System.out.println(j + " " + i);
}
class inheritance
{
   public static void main(String args[])
   {
      B obj = new B();
      obj.display();
   }
}
*
```

○ 2 2

○ 3 3

○ Runtime Error

◉ Compilation Error ✓

✗ **Incorrect** 0/2 Points

0   / 2 pts

Auto-graded

41. What will be the output of the following Java code?

```
class A
{  int i;
 void display()
 {  System.out.println(i);
 }  }
class B extends A
{
int j;
void display()
{
 System.out.println(j);
 }
}
class method_overriding
{
public static void main(String args[])
{
 B obj = new B();
 obj.i=1;
 obj.j=2;
 obj.display();
 }  }
 *
```

   �◯ 0

   ⦿ 1

   ◯ 2 ✓

   ◯ Compilation Error

✓ **Correct** 2/2 Points

2   / 2 pts

Auto-graded

42. What will be the output of the following Java code?

```
class output
{
public static void main(String args[])
{
StringBuffer s1 = new StringBuffer("Hello");
 s1.setCharAt(1,'x');
 System.out.println(s1);
}
 }
*
```

○ xello

○ xxxxx

◉ Hxllo ✓

○ Hexlo

✓ **Correct** 2/2 Points

2   / 2 pts
Auto-graded

43. What will be the output of the following Java program?

```
interface calculate
{
  void cal(int item);
}
class display implements calculate
{
  int x;
public void cal(int item)
{
  x = item * item;
} }
public static void main(String args[])
{
display arr = new display;
 arr.x = 0;
  arr.cal(2);
System.out.print(arr.x);
}  }
*
```

○ 0

○ 2

◉ 4 ✓

○ None of the mentioned

✕ **Incorrect** 0/2 Points

0   / 2 pts

Auto-graded

44. What will be the output of the following Java program?
```
import java.util.*;
 class Array
 {
 public static void main(String args[])
 {
 int array[] = new int [5];
 for (int i = 5; i > 0; i--)
 array[5-i] = i;
 Arrays.fill(array, 1, 4, 8);
  } }
 *
```

○ 12885

◉ 12845

○ 58881 ✓

○ 54881

0   / 2 pts

× Incorrect 0/2 Points

Auto-graded

45. What will be the output of the following Java program?
import java.util.*;

```
class Araylist
{
public static void main(String args[])
{
ArrayList obj = new ArrayList();
obj.add("A");
obj.add("B");
obj.add("C");
obj.add(1, "D");
System.out.println(obj); }   }
```
*

○ [A, B, C, D]

○ [A, D, B, C] ✓

◉ [A, D, C]

○ [A, B, C]

✓ **Correct** 2/2 Points

2   / 2 pts
Auto-graded

46. What will be the output of the following
program?
```
public class Test2 {
public static void main(String[] args) {
StringBuffer s1 = new StringBuffer("Complete");
s1.setCharAt(1,'i');
 s1.setCharAt(7,'d');
System.out.println(s1);  }
 }
```
*

○ Complete

○ Iomplede

◉ Cimpletd ✓

○ Coipletd

✕ **Incorrect** 0/2 Points

0   / 2 pts
Auto-graded

47. Find the output of the following code.

```
Public class Solution{
    Public static void main(String args[]){
        Int i;
        for(i = 1; i < 6; i++){
            if(i > 3) continue;
        }
        System.out.println(i);
    }
}
*
```

○ 3

◉ 4

○ 5

○ 6 ✓

✕ **Incorrect** 0/2 Points

0   / 2 pts

Auto-graded

48. Predict the output?

```
package main;
class T {
  int t = 20;
}
class Main {
  public static   void main(String args[]) {
    T  t1 = new T();
    System.out.println(t1.t);
  }
}
```

*

○ 20 ✓

○ 0

◉ Compiler Error

○ 6

✓ **Correct** 2/2 Points

2   / 2 pts

Auto-graded

49. What will be the output of the following Java program?

```java
class exception_handling
{
  public static void main(String args[])
  {
   try
   {
    int i, sum;
    sum = 10;
  for (i = -1; i < 3 ;++i)
   sum = (sum / i);  }
   catch(ArithmeticException e)
   {
System.out.print("0");
}
   System.out.print(sum);
   }
   }
*
```

○ 0

○ 05

◉ Compiler Error ✓

○ Runtime Error

G.B⋯ / ⋯
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ANUSHAA
9994299140

37 out of 100 — Assessement Score

18m 28sec — Time Taken

2/2 — Sections Qualified

11/23 — Problems Solved

Qualified — Status

Section	Questions	Answered	Correct	Wrong	Threshold	Percentage	Weighted Score
Technical	20	20	10	10	0.0	50.0	10/20
Coding Questions	3	1	1	0	0.0	33.33	27/80

Java March5 assessment

Technical

Score 10.0/20.0

Skill Name	Question	Correct Answers	Total Marks	Marks Scored	Score%
Therory	2	2	2.0	2.0	100.0
Programming	8	4	8.0	4.0	50.0
Theory	10	4	10.0	4.0	40.0
		Total Score	20.0	10.0	50.0

✓ 1 Choose the appropriate data type for this field: numberOfEggs

Score 1.0/1.0

Time Required : 1 min
Time Taken : 1 min 48 secs

    A. int
    B. boolean
    C. double
    D. char

✓ 2 Predict the output of the following program.

```
class question4
{
 public static void main ( String[] args )
 {
  int totalCost = 6;
  int items   = 12;
  System.out.println("cost per item: " + totalCost/items );
 }
}
```

Score 1.0/1.0

Time Required : 1 min
Time Taken : 2 mins 25 secs

    A. cost per item: .5
    B. cost per item: 0
    C. cost per item: 1
    D. cost per item: +6/12

✓ 3 Evaluate (to true or false) each of the following expressions:
14 <= 14   14 < 14   -9 > -25   -25 > -9

Score 1.0/1.0

Time Required : 1 min
Time Taken : 43 secs

    A. true true true true
    B. true false false false
    C. true false true true
    D. true false true false

✓ 4 What is the output of the following code?

```
int x, y;

x=15; y=20;

if (x>15){

 if(y>15) {

   System.out.println("y is "+y);

 }

 else {

   System.out.println("x is "+x);

 }

}
```

Score 1.0/1.0

Time Required : 1 min
Time Taken : 53 secs

    A. error
    B. y is 20
    C. x is 15
    D. no output

✗ 5 State whether true or false:
An if statement can be associated with multiple else blocks.

Score 0.0/1.0

Time Required : 1 min
Time Taken : 18 secs

    A. True
    B. False

✓ 6 A continue statement skips the execution to _____

Score 1.0/1.0

Time Required : 1 min
Time Taken : 1 min 1 sec

A. the end of the program
B. the first statement after the loop
C. the statement following the continue statement.
D. the next iteration of the loop

7. Examine this code:
string myString;
What is the data type of myString?

   A. String
   B. reference to String
   C. "null"
   D. Object

8. What is the output of below code?
class Testimmutablestring1{

public static void main(String args[]){

String s="Java";

s=s.concat(" Programming");

System.out.println(s);

}

}

   A. Java
   B. Java Programming
   C. error
   D. unknown

Choose the types of Behavioral Design Patterns?

   A. Decorator Pattern
   B. Observer Pattern
   C. Prototype Pattern
   D. Mediator Pattern

10. Which of the following patterns simplifies the structure by identifying the relationships.

   A. Creational patterns
   B. Structural patterns
   C. Behavioural patterns
   D. Java patterns

_____ block will be executed irrespective of whether an exception occurs or not.

   A. catch
   B. finally

What will be the output of the below program?
public class Main{

  public static void main(String args[]){

   int a = 10;

   int b = 0;

   try{

    int c=a/b;

    System.out.println("The value of c is "+c);

   }

   catch(Exception e){

    System.out.println(e);

   }

  }

}

   A. Compilation fails
   B. java.lang.ArithmeticException: / by zero

What is an abstract method?

A. An abstract method is any method in an abstract class.
B. An abstract method is a method which cannot be inherited.
C. An abstract method is one without a body that is declared with the reserved word abstract.
D. An abstract method is a method in the child class that overrids a parent method.

What will be the output of the below program?

```
final class Snake{

  Integer length;

  String color;

  Snake(){


  }

  Snake(Integer length,String color){

    this.length = length;

    this.color = color;

  }

}
class Python extends Snake{

  Integer speed;

  Python(Integer length,String color,Integer speed){

    super();

    this.speed = speed;

    this.length = length;

    this.color = color;

  }

}


public class Main{

  public static void main(String args[]){

    Python pythonObj = new Python(10,"Black",4);

    System.out.println("Color of Python is "+pythonObj.color);

  }

}
```

A. Compile time error
B. Run time error
C. Color of Python is Black
D. None of the mentioned

Aggregation satisfies ___

A. "is a" relationship
B. "is a type of a" relationship
C. " is a part of a" relationship
D. None of the mentioned

What will be the output of the below program?

```
class Employee{

  String name;

  Integer id;
```

```
public void display(){
System.out.println("Inside Employee class display method.");
}
}

class Manager extends Employee{
Integer managerId;
public void display(){
System.out.println("Inside Manger class display method.");
}
}

public class Main{
public static void main(String args[]){
Employee empObj = new Manager();
empObj.display();
}
}
```

A. Compile time error
B. Inside Manger class display method.
C. Inside Employee class display method.
D. Run time error

❌
Pushback streams provide functionally for threads to communicate and exchange data between them.

A. TRUE
B. FALSE

❌
```
import java.io.*;
class filesinputoutput
{
public static void main(String args[])
{
InputStream obj = new FileInputStream("inputoutput.java");
System.out.print(obj.available());
}
}
```

A. false
B. true
C. prints number of bytes in file
D. prints number of characters in the file

✔
```
try{
File file=new File("input.txt");
}catch(Exception e){
}catch(IOException io){
}
```
Is above code create new file name input.txt?

A. Yes
B. No

❌
An abstract class is a class which contains atleast one abstract method

A. True
B. False

Java March5 assessment

Coding Questions

26.67/100 ● Qualified

Question Name	Language	Submisson Status	Pass Percentage
Artful Cleanup: Automating Text Corrections in Digital Portfolios	-	-	0.0
Tech Product Inventory Management - ArrayList Introduction	-	-	0.0
Factorial Calculation	Java	Accepted	100.0

1. Artful Cleanup: Automating Text Corrections in Digital Portfolios

Score: 0/27

Time Required : 10 mins
Time Taken : 29 secs

Alice has been working tirelessly on her digital portfolio for the upcoming art showcase, focusing on perfecting every detail. Unfortunately, during one of her editing sessions, a block of nonsensical text with some extra spaces at the beginning and end was mistakenly pasted into several of her project descriptions. Realizing the magnitude of manually sifting through each document to locate and eliminate this unwanted text, Alice sees an opportunity to employ her coding skills for a more efficient solution. She decides to write a program that can scan through each document to detect the presence of this misplaced text, thereby streamlining the cleanup process. Create a driver class named Main. Within the Main method, write code to read inputs from the console and determine whether the specified gibberish text is present in the document text. Remember to apply the contains () and trim () methods in your solution. **Input and Output Format:**

- The first line of input should be the text of the document.
- The second line of input should specify the string that needs to be searched for within the text.

Constraints: Ensure you use contains () for search functionality and trim () to remove any leading or trailing spaces from the gibberish text before the search. **Example Input and Output: Sample Input and Output 1:** Enter the text from the document

During the late hours of the night, Alice meticulously worked on her digital artwork, unaware of the accidental paste error that occurred.
Enter the string to be found in the data
paste error
String is found in the document
Sample Input and Output 2: Enter the text from the document
During the late hours of the night, Alice meticulously worked on her digital artwork, unaware of the accidental paste error that occurred.
Enter the string to be found in the data
masterpiece
String is not found in the document

2. Tech Product Inventory Management - ArrayList Introduction

Score: 0/27

Time Required : 15 mins
Time Taken : 19 secs

In a tech product inventory management system, we need to efficiently store and manage information about various products. One of the basic data structures used for this purpose is the ArrayList. Let's explore the usage of ArrayList in this scenario. Create a class named Main to manage the tech product inventory. In the main method, prompt the user to input the names of tech products and store them in an ArrayList. After collecting all the names, display them in the same order they were entered. **Input and Output format:** Refer to sample Input and Output for formatting specifications. [All text in bold corresponds to the input, and the rest are output.] Sample **Input and Output 1:** Enter the product name 1:
Smartphone
Do you want to continue? (y/n)
y
Enter the product name 2:
Laptop
Do you want to continue? (y/n)
n
The product names entered are:
Smartphone
Laptop
Sample Input and Output 2: Enter the product name 1:
Bluetooth Speaker
Do you want to continue? (y/n)
y
Enter the product name 2:
Wireless Headphones
Do you want to continue? (y/n)
n
The product names entered are:
Bluetooth Speaker
Wireless Headphones

3. Factorial Calculation

Score: 27/27

Time Required : 10 mins
Time Taken : 7 mins 51 secs

Write a program to calculate the factorial of the given number.

Input Format:
Input consists of a single integer.

Output Format:
Output should display the factorial value of the given number.

Sample Input:
5

Sample Output:
120

Solution:

File 1:
/Main.java

```java
import java.util.*;

class Main
{
    public static void main(String args[])
    {
        Scanner sc = new Scanner(System.in);
        int n;
        n = sc.nextInt();
        int fact = 1;
        for(int i = 1; i <= n; i++)
        {
            fact = fact*i;
        }
        System.out.println(fact);
    }
}
```

Test Cases:

S. No.	Test Case Name	Expected Result	Obtained Result	Difference
1	T1	120	120	
2	T2	1	1	

VAc Icharge.
V. RAJESH KANWAN.
G. PRAVEEN KUMAR.

HOD CSE
Dr. A. MEENAKSHI.

ANUSHAA
9994299140

64 out of 100 Assessement Score

18m 28sec Time Taken

2/2 Sections Qualified

11/23 Problems Solved

Qualified Status

Section	Questions	Answered	Correct	Wrong	Threshold	Percentage	Weighted Score
Technical	20	20	10	10	0.0	50.0	10/20
Coding Questions	3	2	2	0	0.0	66.66	54/80

Quiz

Score: 10.0/20.0   **Qualified**

Skill Name	Question	Correct Answers	Total Marks	Marks Scored	Score%
Therory	2	2	2.0	2.0	100.0
Programming	8	4	8.0	4.0	50.0
Theory	10	4	10.0	4.0	40.0
		Total Score	20.0	10.0	50.0

✓ 1 Choose the appropriate data type for this field: numberOfEggs

Score 1.0/1.0

Time Required : 1 min
Time Taken : 1 min 48 secs

   A. int
   B. boolean
   C. double
   D. char

✓ 2 Predict the output of the following program.

```
class question4
{
public static void main ( String[] args )
{
int totalCost = 6;
int items   = 12;
System.out.println("cost per item: " + totalCost/items );
}
}
```

Score 1.0/1.0

Time Required : 1 min
Time Taken : 2 mins 25 secs

   A. cost per item: .5
   B. cost per item: 0
   C. cost per item: 1
   D. cost per item: +6/12

✓ 3 Evaluate (to true or false) each of the following expressions:
14 <= 14   14 < 14   -9 > -25   -25 > -9

Score 1.0/1.0

Time Required : 1 min
Time Taken : 43 secs

   A. true true true true
   B. true false false false
   C. true false true true
   D. true false true false

✓ 4 What is the output of the following code?

```
int x, y;

x=15; y=20;

if (x>15){

  if(y>15) {

    System.out.println("y is "+y);

  }

  else {

    System.out.println("x is "+x);

  }

}
```

Score 1.0/1.0

Time Required : 1 min
Time Taken : 53 secs

   A. error
   B. y is 20
   C. x is 15
   D. no output

✗ 5 State whether true or false:
An if statement can be associated with multiple else blocks.

Score 0.0/1.0

Time Required : 1 min
Time Taken : 18 secs

   A. True
   B. False

✓ 6 A continue statement skips the execution to _____

Score 1.0/1.0

Time Required : 1 min
Time Taken : 1 min 1 secs

A. the end of the program
B. the first statement after the loop
C. the statement following the continue statement.
D. the next iteration of the loop

❌ 7 Examine this code.

String myString;
What is the data type of myString?

A. String
B. reference to String
C. null
D. Object

✅ 8 What is the output of below code?
class Testimmutablestring1{

public static void main(String args[]){

  String s="Java";

  s=s.concat(" Programming");

  System.out.println(s);

}

}

A. Java
B. Java Programming
C. error
D. unknown

✅
Choose the types of Behavioral Design Patterns?

A. Decorator Pattern
B. Observer Pattern
C. Prototype Pattern
D. Mediator Pattern

✅ 10 Which of the following patterns simplifies the structure by identifying the relationships.

A. Creational patterns
B. Structural patterns
C. Behavioural patterns
D. Java patterns

✅

_____ block will be executed irrespective of whether an exception occurs or not.

A. catch
B. finally

❌

What will be the output of the below program?
public class Main{

  public static void main(String args[]){

  int a = 10;

  int b = 0;

  try{

    int c=a/b;

    System.out.println("The value of c is "+c);

  }

  catch(Exception e){

    System.out.println(e);

  }

  }

}

A. Compilation fails
B. java.lang.ArithmeticException: / by zero

B. Nature of the mentioned.

What is an abstract method?

A. An abstract method is one method in an abstract class.
B. An abstract method is a method which cannot be inherited.
C. An abstract method is one without a body that is declared with the method word abstract.
D. An abstract method is a method in the child class that overrides a parent method.

What will be the output of the below program?

```
main class Snake{

  Integer length;

  String color;

  Snake(){

  }

  Snake(Integer length, String color){

    this.length = length;

    this.color = color;

  }
}

class Python extends Snake{

  Integer speed;

  Python(Integer length, String color, Integer speed){

    super();

    this.speed = speed;

    this.length = length;

    this.color = color;

  }
}


public class Main{

  public static void main(String args[]){

    Python pythonObj = new Python(10, "Black", 4);

    System.out.println("Color of Python is "+pythonObj.color);

  }
}
```

A. Compile time error
B. Run time error
C. Color of Python is Black
D. None of the mentioned

Aggregation satisfies ____

A. "is a" relationship
B. "is a type of a" relationship
C. "is a part of a" relationship
D. None of the mentioned

What will be the output of the below program?

```
class Employee{

  String name;

  Integer id;
```

```
public void display(){

    System.out.println("Inside Employee class display method.");

}

}

class Manager extends Employee{

    Integer managerId;

    public void display(){

        System.out.println("Inside Manger class display method.");

    }

}

public class Main{

    public static void main(String args[]){

        Employee empObj = new Manager();

        empObj.display();

    }

}
```

A. Compile time error
B. Inside Manger class display method.
C. Inside Employee class display method.
D. Run time error

✖ Pushback streams provide functionally for threads to communicate and exchange data between them.

Score 0.0/1.0

Time Required : 1 min
Time Taken : 3 secs

A. TRUE
B. FALSE

✖

Score 0.0/1.0

Time Required : 1 min
Time Taken : 4 secs

```
import java.io.*;
class filesinputoutput
{
    public static void main(String args[])
    {
        InputStream obj = new FileInputStream("inputoutput.java");
        System.out.print(obj.available());
    }
}
```
A. false
B. true
C. prints number of bytes in file
D. prints number of characters in the file

✔

Score 1.0/1.0

Time Required : 1 min
Time Taken : 4 secs

```
try{
File file=new File("input.txt");
}catch(Exception e){
}catch(IOException io){
}
```
Is above code create new file name input.txt?
A. Yes
B. No

✖ An abstract class is a class which contains atleast one abstract method

Score 0.0/1.0

Time Required : 1 min
Time Taken : 2 secs

A. True
B. False

Java March assessment

Coding Question

Question Name	Language	Submission Status	Pass Percentage
Artful Cleanup: Automating Text Corrections in Digital Portfolios			0.0
Tech Product Inventory Management - ArrayList Introduction	Java	Accepted	100.0
Factorial Calculation	Java	Accepted	100.0

1. Artful Cleanup: Automating Text Corrections in Digital Portfolios

Score: 0/27

Time Required : 10 mins
Time Taken : 29 secs

Alice has been working tirelessly on her digital portfolio for the upcoming art showcase, focusing on perfecting every detail. Unfortunately, during one of her editing sessions, a block of nonsensical text with some extra spaces at the beginning and end was mistakenly pasted into several of her project descriptions. Realizing the magnitude of manually sifting through each document to locate and eliminate this unwanted text, Alice sees an opportunity to employ her coding skills for a more efficient solution. She decides to write a program that can scan through each document to detect the presence of this misplaced text, thereby streamlining the cleanup process. Create a driver class named Main. Within the Main method, write code to read inputs from the console and determine whether the specified gibberish text is present in the document text. Remember to apply the contains () and trim () methods in your solution. Input and Output Format:

- The first line of input should be the text of the document.
- The second line of input should specify the string that needs to be searched for within the text.

Constraints: Ensure you use contains () for search functionality and trim () to remove any leading or trailing spaces from the gibberish text before the search. Example Input and Output: Sample Input and Output 1: Enter the text from the document
During the late hours of the night, Alice meticulously worked on her digital artwork, unaware of the accidental paste error that occurred.
Enter the string to be found in the data
paste error
String is found in the document
Sample Input and Output 2: Enter the text from the document
During the late hours of the night, Alice meticulously worked on her digital artwork, unaware of the accidental paste error that occurred.
Enter the string to be found in the data
masterpiece
String is not found in the document

2. Tech Product Inventory Management - ArrayList Introduction

Score: 27/27

Time Required : 15 mins
Time Taken : 19 secs

In a tech product inventory management system, we need to efficiently store and manage information about various products. One of the basic data structures used for this purpose is the ArrayList. Let's explore the usage of ArrayList in this scenario. Create a class named Main to manage the tech product inventory. In the main method, prompt the user to input the names of tech products and store them in an ArrayList. After collecting all the names, display them in the same order they were entered. Input and Output format: Refer to sample Input and Output for formatting specifications. [All text in bold corresponds to the input, and the rest are output.] Sample Input and Output 1: Enter the product name 1:
Smartphone
Do you want to continue? (y/n)
y
Enter the product name 2:
Laptop
Do you want to continue? (y/n)
n
The product names entered are:
Smartphone
Laptop
Sample Input and Output 2: Enter the product name 1:
Bluetooth Speaker
Do you want to continue? (y/n)
y
Enter the product name 2:
Wireless Headphones
Do you want to continue? (y/n)
n
The product names entered are:
Bluetooth Speaker
Wireless Headphones

3. Factorial Calculation

Score: 27/27

Time Required : 10 mins
Time Taken : 7 mins 51 secs

Write a program to calculate the factorial of the given number.

Input Format:
Input consists of a single integer.

Output Format:
Output should display the factorial value of the given number.

Sample Input:
5

Sample Output:
120

Solution:

File 1
/Main.java

```java
import java.util.*;

class Main
{
    public static void main(String args[])
    {
        Scanner sc = new Scanner(System.in);
        int n;
        n = sc.nextInt();
        int fact = 1;
        for(int i = 1; i <= n; i++)
        {
            fact = fact*i;
        }
        System.out.println(fact);
    }
}
```

Test Cases:

S. No.	Test Case Name	Expected Result	Obtained Result	Difference
1	T1	120	120	
2	T2	1	1	

VAC-Incharges:

U-RAJESH KANNAN, AP,CSE.

G. PRAVEEN KUMAR, AP-CSE.

HoD-CSE.
DY-A-MEENAKSHI.

SANTHIYA
9789240514

88 out of **100**   Assessement Score

90m 0sec   Time Taken

2/2   Sections Qualified

7/23   Problems Solved

Qualified   Status

Section	Questions	Answered	Correct	Wrong	Threshold	Percentage	Weighted Score
Technical	20	20	7	13	0.0	37.5	8/20
Coding Questions	3	3	3	1	0.0	100.0	80/80

Quiz

Technical   Score 7.5/20.0   ● Qualified

Skill Name	Question	Correct Answers	Total Marks	Marks Scored	Score%
Therory	2	1	2.0	1.0	50.0
Programming	8	2	8.0	2.0	25.0
Theory	10	4	10.0	4.5	45.0
		Total Score	20.0	7.5	37.5

✅ 1 Choose the appropriate data type for this field: numberOfEggs

Score 1.0/1.0

Time Required : 1 min
Time Taken : 1 min 16 secs

    A. int
    B. boolean
    C. double
    D. char

❌ 2 Predict the output of the following program.

```
class question4
{
  public static void main ( String[] args )
  {
    int totalCost = 6;
    int items   = 12;
    System.out.println("cost per item: " + totalCost/items );
  }
}
```

Score 0.0/1.0

Time Required : 1 min
Time Taken : 6 secs

    A. cost per item: .5
    B. cost per item: 0
    C. cost per item: 1
    D. cost per item: +6/12

❌ 3 Evaluate (to true or false) each of the following expressions:
14 <= 14   14 < 14   -9 > -25   -25 > -9

Score 0.0/1.0

Time Required : 1 min
Time Taken : 34 secs

    A. true true true true
    B. true false false false
    C. true false true true
    D. true false true false

❌ 4 What is the output of the following code?

```
int x, y;

x=15; y=20;

if (x>15){

  if(y>15){

    System.out.println("y is "+y);

  }

  else {

    System.out.println("x is "+x);

  }

}
```

Score 0.0/1.0

Time Required : 1 min
Time Taken : 35 secs

    A. error
    B. y is 20
    C. x is 15
    D. no output

✅ 5 State whether true or false:
An if statement can be associated with multiple else blocks.

Score 1.0/1.0

Time Required : 1 min
Time Taken : 25 secs

    A. True
    B. False

✅ 6 A continue statement skips the execution to _____

Score 1.0/1.0

Time Required : 1 min

A. the end of the program
B. the first statement after the loop
C. the statement following the continue statement
D. the next iteration of the loop

○ 7 Examine this code
String myString;
What is the data type of myString?

A. String
B. reference to String
C. "null"
D. Object

○ 8 What is the output of below code?
class Testimmutablestring1{

public static void main(String args[]){

  String s="Java";

  s=s.concat(" Programming");

  System.out.println(s);

}

}

A. Java
B. Java Programming
C. error
D. unknown

Choose the types of Behavioral Design Patterns?

A. Decorator Pattern
B. Observer Pattern
C. Prototype Pattern
D. Mediator Pattern

10 Which of the following patterns simplifies the structure by identifying the relationships.

A. Creational patterns
B. Structural patterns
C. Behavioural patterns
D. Java patterns

_____ block will be executed irrespective of whether an exception occurs or not.

A. catch
B. finally

What will be the output of the below program?
public class Main{

  public static void main(String args[]){

    int a = 10;

    int b = 0;

    try{

      int c=a/b;

      System.out.println("The value of c is "+c);

    }

    catch(Exception e){

      System.out.println(e);

    }

  }

}

A. Compilation fails
B. java.lang.ArithmeticException / by zero
C. java.lang.NullPointerException / by zero
D. None of the mentioned

⊗

What is an abstract method?

A. An abstract method is any method in an abstract class.
B. An abstract method is a method which cannot be inherited.
C. An abstract method is one without a body that is declared with the reserved word abstract.
D. An abstract method is a method in the child class that overrids a parent method.

⊗

What will be the output of the below program?

```
final class Snake{

  Integer length;

  String color;

  Snake(){



  }

  Snake(Integer length,String color){

    this.length = length;

    this.color = color;

  }

}

class Python extends Snake{

  Integer speed;

  Python(Integer length,String color,Integer speed){

    super();

    this.speed = speed;

    this.length = length;

    this.color = color;

  }

}


public class Main{

  public static void main(String args[]){

    Python pythonObj = new Python(10,"Black",4);

    System.out.println("Color of Python is "+pythonObj.color);

  }

}
```

A. Compile time error
B. Run time error
C. Color of Python is Black
D. None of the mentioned

⊗

Aggregation satisfies ___

A. "is a" relationship
B. "is a type of a" relationship
C. "is a part of a" relationship
D. None of the mentioned

⊗

What will be the output of the below program?

class Employee{

```
public void display(){
  System.out.println("Inside Employee class display method.");
}
}

class Manager extends Employee{
  Integer managerId;
  public void display(){
    System.out.println("Inside Manger class display method.");
  }
}

public class Main{
  public static void main(String args[]){
    Employee empObj = new Manager();
    empObj.display();
  }
}
```

A. Compile time error
B. Inside Manger class display method.
C. Inside Employee class display method.
D. Run time error

Pushback streams provide functionally for threads to communicate and exchange data between them.

A. TRUE
B. FALSE

```
import java.io.*;
class filesinputoutput
{
  public static void main(String args[])
  {
    InputStream obj = new FileInputStream("inputoutput.java");
    System.out.print(obj.available());
  }
}
```

A. false
B. true
C. prints number of bytes in file
D. prints number of characters in the file

```
try{
File file=new File("input.txt");
}catch(Exception e){
}catch(IOException io){
}
```
Is above code create new file name input.txt?

A. Yes
B. No

An abstract class is a class which contains atleast one abstract method

A. True
B. False

Question Name	Language	Submisson Status	Pass Percentage
Artful Cleanup: Automating Text Corrections in Digital Portfolios	Java	Accepted	100.0
Tech Product Inventory Management - ArrayList Introduction	Java	Accepted	100.0
Factorial Calculation	Java	Accepted	100.0

1. Artful Cleanup: Automating Text Corrections in Digital Portfolios

Score:27/27

Time Required : 10 mins
Time Taken : 5 mins 28 secs

Alice has been working tirelessly on her digital portfolio for the upcoming art showcase, focusing on perfecting every detail. Unfortunately, during one of her editing sessions, a block of nonsensical text with some extra spaces at the beginning and end was mistakenly pasted into several of her project descriptions. Realizing the magnitude of manually sifting through each document to locate and eliminate this unwanted text, Alice sees an opportunity to employ her coding skills for a more efficient solution. She decides to write a program that can scan through each document to detect the presence of this misplaced text, thereby streamlining the cleanup process. Create a driver class named Main. Within the Main method, write code to read inputs from the console and determine whether the specified gibberish text is present in the document text. Remember to apply the contains () and trim () methods in your solution. **Input and Output Format:**

- The first line of input should be the text of the document.
- The second line of input should specify the string that needs to be searched for within the text.

Constraints: Ensure you use contains () for search functionality and trim () to remove any leading or trailing spaces from the gibberish text before the search. **Example Input and Output: Sample Input and Output 1:** Enter the text from the document
During the late hours of the night, Alice meticulously worked on her digital artwork, unaware of the accidental paste error that occurred.
Enter the string to be found in the data
paste error
String is found in the document
Sample Input and Output 2: Enter the text from the document
During the late hours of the night, Alice meticulously worked on her digital artwork, unaware of the accidental paste error that occurred.
Enter the string to be found in the data
masterpiece
String is not found in the document

2. Tech Product Inventory Management - ArrayList Introduction

Score:27/27

Time Required : 15 mins
Time Taken : 4 mins 27 secs

In a tech product inventory management system, we need to efficiently store and manage information about various products. One of the basic data structures used for this purpose is the ArrayList. Let's explore the usage of ArrayList in this scenario. Create a class named Main to manage the tech product inventory. In the main method, prompt the user to input the names of tech products and store them in an ArrayList. After collecting all the names, display them in the same order they were entered. **Input and Output format:** Refer to sample Input and Output for formatting specifications. **[All text in bold corresponds to the input, and the rest are output.] Sample Input and Output 1:** Enter the product name 1:
Smartphone
Do you want to continue? (y/n)
y
Enter the product name 2:
Laptop
Do you want to continue? (y/n)
n
The product names entered are:
Smartphone
Laptop
Sample Input and Output 2: Enter the product name 1:
Bluetooth Speaker
Do you want to continue? (y/n)
y
Enter the product name 2:
Wireless Headphones
Do you want to continue? (y/n)
n
The product names entered are:
Bluetooth Speaker
Wireless Headphones

Input Format:
Input consists of a single integer.

Output Format:
Output should display the factorial value of the given number.

Sample Input:
5

Sample Output:
120

Solution:

File 1:
/Main.java

```java
                       import java.util.Scanner;
class main
{
    public class FactorialCalculator
    {
    public static void main(String [] args)
    {
        Scanner input=new Scanner(System.in);
        System.out.println("Enter a num to calculate its factorial:");
        int number=input.nextInt();
        int factorial=1;
        for (int i=1;i<=number;i++)
        {
            factorial *=i;
        }
        System.out.println("The factorial of +number is:"+ factorial);
    }
    }
}
```

Test Cases:

S. No.	Test Case Name	Expected Result	Obtained Result	Difference
1				
2	T2	1	-	

VAC – INCHARGE
V. RAJESH KANNAN, AP–CSE.
G. PRAVEEN KUMAR, AP–CSE.

HOD –CSE
Dr. A. MEENAKSHI.

HRlytics Private Limited

SCORE CARD – KAMARAJ COLLEGE

SL NO	Name	Username	Correctness	Code Structure	Code Quality	Problem Solving	Total Score
1	SIBI RAJAN.A	22UCS006@kamarajengg.edu.in	21	21.5	22	21	85.5
2	HAREN GURU.V	22UAD033@kamarajengg.edu.in	19.5	18	18	20	75.5
3	SURESHBHARATHI.B	22UCS009@kamarajengg.edu.in	20	20	20.5	20	80.5
4	JOEL JONES.J	22UCS032@kamarajengg.edu.in	23	23	24	22	92
5	NISANTH KRISHNA.M	22UAD058@kamarajengg.edu.in	18	19	18	19	74
6	VISHNU PRITHVI.C	22UAD047@kamarajengg.edu.in	22	22	21	22	87
7	GEETHAN.S	22UAD032@kamarajengg.edu.in	18	19.5	18	19	74.5
8	SRIMATHI M	22UCS074@kamarajengg.edu.in	17.5	19	19	18	73.5
9	SIBI MANI BHARATHI S P	22UCS141@kamarajengg.edu.in	20	20.5	20	20	80.5
10	GEORGE S	22UCS108@kamarajengg.edu.in	21	21.5	22	21	85.5
11	PARANI DHARSHAN.B	22UAD041@kamarajengg.edu.in	16	20	18	19	73
12	GOKULAVASAN.J	22UAD059@kamarajengg.edu.in	18	18	19	20	75
13	SELVAKUMAR T	22UCS083@kamarajengg.edu.in	17.5	19	19	18	73.5
14	MANOJKUMAR G	22UCS135@kamarajengg.edu.in	24	23	21	22	90
15	SHYAMVISHAAL	22UCS152@kamarajengg.edu.in	23	23	21	22	89
16	SIBI SURAJ V	22ucs124@kamarajengg.edu.in	20	19	17	21	77
17	Gowsalya	22UCS094@kamarajengg.edu.in	21	22	21	22	86
18	JAI AKASH.R	22UAD022@kamarajengg.edu.in	21	22	21	22	86
19	Dharunika	22UCS063@kamarajengg.edu.in	19	19	20	18	76
20	SINIVASAN S	22UCS142@kamarajengg.edu.in	16	19	18	19	72
21	SELVAPANDEESWARAN.V	22UAD036@kamarajengg.edu.in	20	19	18.5	21	78.5
22	Jeyaram	22UCS117@kamarajengg.edu.in	16	19	18	19	72
23	AKSHAYA.K.S	22UAD027@kamarajengg.edu.in	19	19	21	19	78
24	DIVYA R	22ucs127@kamarajengg.edu.in	18	18	21	20	77
25	JEYA RIMAASRI.A.S	22UAD008@kamarajengg.edu.in	18	18	21	19	76
26	RAJESHWARI.R	22UCS061@kamarajengg.edu.in	19	18	19	16.5	72.5
27	PRAVEEN KUMAR	22UCS153@kamarajengg.edu.in	21	23	20	20	84
28	JOHNPAUL P	22UCS121@kamarajengg.edu.in	20	21	20.5	20	81.5
29	HANSHIKHAA R S	22UCS048@kamarajengg.edu.in	23	24	21	22	90
30	MADHU MIDHA S M	22UCS097@kamarajengg.edu.in	20	20	17	21	78
31	VITHYA M	22UCS156@kamarajengg.edu.in	20	20	17	21	78
32	GURULAKSHMI	22ucs106@kamarajengg.edu.in	17	19	18	19	73
33	LATHA.V	22UCS041@kamarajengg.edu.in	18	18	21	20	77
34	ISHWARYA LAKSHMI.M	22UAD035@kamarajengg.edu.in	20	19	17	21	77
35	Janani	22UCS050@kamarajengg.edu.in	20	20	19	21	80
36	Mahalakshmi	22UCS139@kamarajengg.edu.in	18.5	19	18	19	74.5
37	SANJANA	22UCS077@kamarajengg.edu.in	17	19.5	18	19	73.5
38	JEYANTH E	22UCS110@kamarajengg.edu.in	17	19.5	18	19	73.5
39	MEDHANA.K	22UAD010@kamarajengg.edu.in	16	19	18	19	72
40	ASHWIN G R	22UCS092@kamarajengg.edu.in	21	22	21.5	22	86.5
41	SANTHIYA.B	22UCS021@kamarajengg.edu.in	19	19	18.5	18	74.5
42	SYED NAZMUDEEN.S	22UAD057@kamarajengg.edu.in	20	19	18	18	75
43	Kavipriya	22UCS147@kamarajengg.edu.in	19	18	18	19	74
44	SHRI SABARISASTHA.R	22UCS151@kamarajengg.edu.in	20	20	23.5	20	83.5
45	PRIYANGA SRI.K	22UCS052@kamarajengg.edu.in	20	20	21.5	20	81.5
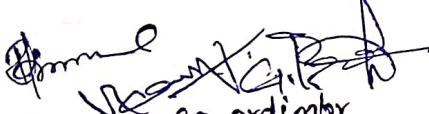
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46	VAISHNAVI.S	22UAD037@kamarajengg.edu.in	18	18	21	19	76
47	SHARON.P	22UAD051@kamarajengg.edu.in	20	19.5	18.5	21	79
48	ANUSHAA P S	22UCS113@kamarajengg.edu.in	18	18.5	19	20	75.5
49	Pavithra	22UCS087@kamarajengg.edu.in	19	18	18	20	75
50	MADHURAVENI J	22UCS132@kamarajengg.edu.in	20	19.5	18.5	21	79
51	AKASH ARUMUGAM.S	22UCS122@kamarajengg.edu.in	17	19	18	19	73
52	SANTHOSH KUMAR.S	22UCS133@kamarajengg.edu.in	19	19	18	18	74
53	RASHITHA ASHRAF M	22UCS140@kamarajengg.edu.in	21	21.5	22	21	85.5
54	RAJESWARI H	22UCS100@kamarajengg.edu.in	20	20	18	18	76
55	SHRUTHI I	22UCS017@kamarajengg.edu.in	20	20	20	20	80
56	Poonkuzhali	22UCS096@kamarajengg.edu.in	21	22	21	22	86
57	ROHINIPANDI.M	22UCS130@kamarajengg.edu.in	18	18	21	20	77
58	Sharmila	22ucs125@kamarajengg.edu.in	19	21	20	20	80
59	RAJESH S	22UCS145@kamarajengg.edu.in	19.5	19	21	19	78.5
60	ANUSHA T R	22UCS095@kamarajengg.edu.in	18	19	18	19	74

For Hrlytics Private Limited

ABHILASHA GAONKAR
Digitally signed by ABHILASHA GAONKAR
Date: 2024.03.13
11:33:14 +05'30'

Abhilasha Gaonkar
CEO

COURSE co-ordinator
V. RAJESH KANNAN,
R. KUMARAVEL,
G. PRAVEEN KUMAR

VAC co-ordinators
Dr. G. UMA MAKESWARI,
Dr. G. NIRMALA.

HOD-CSE
Dr. A. MEENAKSHI,
PROF - CSE,

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Courses 2023-2024 EVEN SEM
Mastering the Art of Coding –Java Programming
Batch II
Total Marks

S.No	Roll No	Name	Class	Internal (40)	External (60)	Total (100)
1	22UCS074	SRIMATHI M	II CSE A	29	48	77
2	22UCS135	MANOJKUMAR G	II CSE A	36	44	80
3	22UCS017	SHRUTHI I	II CSE A	32	51	83
4	22UCS097	MADHU MIDHA S M	II CSE A	31	50	81
5	22UCS063	DHARUNIKA M	II CSE A	30	42	72
6	22UCS142	SINIVASAN S	II CSE A	29	45	74
7	22UCS141	SIBI MANI BHARATHI S P	II CSE A	32	43	75
8	22UCS083	SELVAKUMAR T	II CSE A	29	43	72
9	22UCS110	JEYANTH E	II CSE A	29	44	73
10	22UCS095	ANUSHA T R	II CSE A	30	55	85
11	22UCS145	RAJESH S	II CSE A	31	59	90
12	22UCS050	JANANI N	II CSE A	32	42	74
13	22UCS092	ASHWIN G R	II CSE A	35	55	90
14	22UCS132	MADHURAVENI J	II CSE A	32	45	77
15	22UCS048	HANSHIKHAA R S	II CSE A	36	51	87
16	22UCS130	ROHINIPANDI.M	II CSE B	31	43	74
17	22UCS041	LATHA.V	II CSE B	31	42	73
18	22UCS077	SANJANA.B	II CSE B	29	48	77
19	22UCS094	GOWSALYA.A	II CSE B	34	46	80
20	22UCS009	SURESHBHARATHI.B	II CSE B	32	43	75
21	22UCS006	SIBI RAJAN.A	II CSE B	34	49	83
22	22UCS052	PRIYANGA SRI.K	II CSE B	33	44	77
23	22UCS151	SHRI SABARISASTHA.R	II CSE B	33	54	87
24	22UCS106	GURULAKSHMI.G	II CSE B	29	48	77
25	22UCS122	AKASH ARUMUGAM.S	II CSE B	29	42	71
26	22UCS021	SANTHIYA.B	II CSE B	30	45	75
27	22UCS133	SANTHOSH KUMAR.S	II CSE B	30	43	73
28	22UCS061	RAJESHWARI.R	II CSE B	29	44	73
29	22UCS032	JOEL JONES.J	II CSE B	37	47	84
30	22UCS087	PAVITHRA M	II CSE C	30	51	81
31	22UCS096	POONKUZHALI P	II CSE C	34	48	82
32	22UCS100	RAJESWARI H	II CSE C	30	48	78
33	22UCS108	GEORGE S	II CSE C	34	43	77
34	22UCS113	ANUSHAA P S	II CSE C	30	52	82
35	22UCS117	JEYARAM R	II CSE C	29	48	77
36	22UCS121	JOHNPAUL P	II CSE C	33	43	76
37	22UCS124	SIBI SURAJ V	II CSE C	31	45	76
38	22UCS125	SHARMILA P	II CSE C	32	42	74
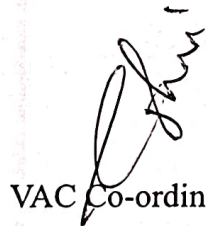
39	22UCS127	DIVYA R	II CSE C	31	42	73
40	22UCS139	MAHALAKSHMI P	II CSE C	30	48	78
41	22UCS140	RASHITHA ASHRAF M	II CSE C	34	49	83
42	22UCS147	KAVIPRIYA N	II CSE C	30	45	75
43	22UCS152	SHYAMVISHAAL K P	II CSE C	36	54	90
44	22UCS153	PRAVEEN KUMAR S	II CSE C	34	56	90
45	22UCS156	VITHYA M	II CSE C	31	43	74
46	22UAD027	AKSHAYA.K.S	II ADS	31	44	75
47	22UAD037	VAISHNAVI.S	II ADS	30	43	73
48	22UAD010	MEDHANA.K	II ADS	29	50	79
49	22UAD041	PARANI DHARSHAN.B	II ADS	29	49	78
50	22UAD008	JEYA RIMAASRI.A.S	II ADS	30	48	78
51	22UAD035	ISHWARYA LAKSHMI.M	II ADS	31	45	76
52	22UAD022	JAI AKASH.R	II ADS	34	42	76
53	22UAD051	SHARON.P	II ADS	32	42	74
54	22UAD032	GEETHAN.S	II ADS	30	42	72
55	22UAD036	SELVAPANDEESWARAN.V	II ADS	31	44	75
56	22UAD057	SYED NAZMUDEEN.S	II ADS	30	44	74
57	22UAD033	HAREN GURU.V	II ADS	30	49	79
58	22UAD047	VISHNU PRITHVI.C	II ADS	35	50	85
59	22UAD059	GOKULAVASAN.J	II ADS	30	42	72
60	22UAD058	NISANTH KRISHNA.M	II ADS	30	47	77

VAC Course-in-Charge   VAC Co-ordinator   HoD – CSE   Dean(Academic)

V. RAJESH KANNAN
G.PRAVEEN KUMAR.

AP – CSE

DT. AMEENAKSHI.

Department of Computer Science and Engineering

Value Added Course on
"Mastering the Art of Coding – Java Programming" - Batch II
(12.02.2024 – 17.02.2024)

Final Assessment Mark Statement

Course In-Charges: Mr.V.RajeshKannan AP-CSE,

Mr.R.Kumaravel AP-CSE&Mr.G.Praveen Kumar AP-CSE

SI NO	Roll Number	REGNO	Name of the Student	Year / Dept / Section	EM (60)	IM (40)	TM (100)
1	22UCS074	920422104156	SRIMATHI M	II CSE A	29	48	77
2	22UCS135	920422104093	MANOJKUMAR G	II CSE A	36	44	80
3	22UCS017	920422104144	SHRUTHI I	II CSE A	32	51	83
4	22UCS097	920422104089	MADHU MIDHA S M	II CSE A	31	50	81
5	22UCS063	920422104035	DHARUNIKA M	II CSE A	30	42	72
6	22UCS142	920422104149	SINIVASAN S	II CSE A	29	45	74
7	22UCS141	920422104146	SIBI MANI BHARATHI S P	II CSE A	32	43	75
8	22UCS083	920422104139	SELVAKUMAR T	II CSE A	29	43	72
9	22UCS110	920422104066	JEYANTH E	II CSE A	29	44	73
10	22UCS095	920422104014	ANUSHA T R	II CSE A	30	55	85
11	22UCS145	920422104121	RAJESH S	II CSE A	31	59	90
12	22UCS050	920422104060	JANANI N	II CSE A	32	42	74
13	22UCS092	920422104019	ASHWIN G R	II CSE A	35	55	90
14	22UCS132	920422104090	MADHURAVENI J	II CSE A	32	45	77
15	22UCS048	920422104054	HANSHIKHAA R S	II CSE A	36	51	87
16	22UCS130	920422104129	ROHINIPANDI.M	II CSE B	31	43	74

17	22UCS041	920422104087	LATHA.V	II CSE B	31	42	73
18	22UCS077	920422104133	SANJANA.B	II CSE B	29	48	77
19	22UCS094	920422104050	GOWSALYA.A	II CSE B	34	46	80
20	22UCS009	920422104160	SURESHBHARATHI.B	II CSE B	32	43	75
21	22UCS006	920422104147	SIBI RAJAN.A	II CSE B	34	49	83
22	22UCS052	920422104116	PRIYANGA SRI.K	II CSE B	33	44	77
23	22UCS151	920422104143	SHRI SABARISASTHA.R	II CSE B	33	54	87
24	22UCS106	920422104052	GURULAKSHMI.G	II CSE B	29	48	77
25	22UCS122	920422104008	AKASH ARUMUGAM.S	II CSE B	29	42	71
26	22UCS021	920422104134	SANTHIYA.B	II CSE B	30	45	75
27	22UCS133	920422104135	SANTHOSH KUMAR.S	II CSE B	30	43	73
28	22UCS061	920422104122	RAJESHWARI.R	II CSE B	29	44	73
29	22UCS032	920422104070	JOEL JONES.J	II CSE B	37	47	84
30	22UCS087	920422104109	PAVITHRA M	II CSE C	30	51	81
31	22UCS096	920422104112	POONKUZHALI P	II CSE C	34	48	82
32	22UCS100	920422104123	RAJESWARI H	II CSE C	30	48	78
33	22UCS108	920422104046	GEORGE S	II CSE C	34	43	77
34	22UCS113	920422104015	ANUSHAA P S	II CSE C	30	52	82
35	22UCS117	920422104067	JEYARAM R	II CSE C	29	48	77
36	22UCS121	920422104072	JOHNPAUL P	II CSE C	33	43	76
37	22UCS124	920422104148	SIBI SURAJ V	II CSE C	31	45	76
38	22UCS125	920422104141	SHARMILA P	II CSE C	32	42	74
39	22UCS127	920422104040	DIVYA R	II CSE C	31	42	73
40	22UCS139	920422104091	MAHALAKSHMI P	II CSE C	30	48	78
41	22UCS140	920422104127	RASHITHA ASHRAF M	II CSE C	34	49	83
42	22UCS147	920422104081	KAVIPRIYA N	II CSE C	30	45	75
43	22UCS152	920422104145	SHYAMVISHAAL K P	II CSE C	36	54	90
44	22UCS153	920422104113	PRAVEEN KUMAR S	II CSE C	34	56	90

45	22UCS156	920422104174	VITHYA M	II CSE C	31	43	74
46	22UAD027	920422243020	AKSHAYA.K.S	II ADS	31	44	75
47	22UAD037	920422243027	VAISHNAVI.S	II ADS	30	43	73
48	22UAD010	920422243018	MEDHANA.K	II ADS	29	50	79
49	22UAD041	920422243004	PARANI DHARSHAN.B	II ADS	29	49	78
50	22UAD008	920422243012	JEYA RIMAASRI.A.S	II ADS	30	48	78
51	22UAD035	920422243014	ISHWARYA LAKSHMI.M	II ADS	31	45	76
52	22UAD022	920422243017	JAI AKASH.R	II ADS	34	42	76
53	22UAD051	920422243043	SHARON.P	II ADS	32	42	74
54	22UAD032	920422243052	GEETHAN.S	II ADS	30	42	72
55	22UAD036	920422243033	SELVAPANDEESWARAN.V	II ADS	31	44	75
56	22UAD057	920422243056	SYED NAZMUDEEN.S	II ADS	30	44	74
57	22UAD033	920422243044	HAREN GURU.V	II ADS	30	49	79
58	22UAD047	920422243051	VISHNU PRITHVI.C	II ADS	35	50	85
59	22UAD059	920422243030	GOKULAVASAN.J	II ADS	30	42	72
60	22UAD058	920422243013	NISANTH KRISHNA.M	II ADS	30	47	77

Trainer   VAC INCHARGE   VAC CORDINATOR   HOD CSE

Department of Computer Science and Engineering

Value Added Course on
"Mastering the Art of Coding – Java Programming" - Batch II
(12.02.2024 – 17.02.2024)

Final Assessment Mark Statement

Course In-Charges: Mr.V.RajeshKannan AP-CSE,

Mr.R.Kumaravel AP-CSE&Mr.G.Praveen Kumar AP-CSE

SI NO	Roll Number	REGNO	Name of the Student	Year / Dept / Section	Marks (100)
1	22UCS074	920422104156	SRIMATHI M	II CSE A	77
2	22UCS135	920422104093	MANOJKUMAR G	II CSE A	80
3	22UCS017	920422104144	SHRUTHI I	II CSE A	83
4	22UCS097	920422104089	MADHU MIDHA S M	II CSE A	81
5	22UCS063	920422104035	DHARUNIKA M	II CSE A	72
6	22UCS142	920422104149	SINIVASAN S	II CSE A	74
7	22UCS141	920422104146	SIBI MANI BHARATHI S P	II CSE A	75
8	22UCS083	920422104139	SELVAKUMAR T	II CSE A	72
9	22UCS110	920422104066	JEYANTH E	II CSE A	73
10	22UCS095	920422104014	ANUSHA T R	II CSE A	85
11	22UCS145	920422104121	RAJESH S	II CSE A	90
12	22UCS050	920422104060	JANANI N	II CSE A	74
13	22UCS092	920422104019	ASHWIN G R	II CSE A	90
14	22UCS132	920422104090	MADHURAVENI J	II CSE A	77
15	22UCS048	920422104054	HANSHIKHAA R S	II CSE A	87

S.No	Reg No	Roll No	Name	Class	Marks
16	22UCS130	920422104129	ROHINIPANDI.M	II CSE B	74
17	22UCS041	920422104087	LATHA.V	II CSE B	73
18	22UCS077	920422104133	SANJANA.B	II CSE B	77
19	22UCS094	920422104050	GOWSALYA.A	II CSE B	80
20	22UCS009	920422104160	SURESHBHARATHI.B	II CSE B	75
21	22UCS006	920422104147	SIBI RAJAN.A	II CSE B	83
22	22UCS052	920422104116	PRIYANGA SRI.K	II CSE B	77
23	22UCS151	920422104143	SHRI SABARISASTHA.R	II CSE B	87
24	22UCS106	920422104052	GURULAKSHMI.G	II CSE B	77
25	22UCS122	920422104008	AKASH ARUMUGAM.S	II CSE B	71
26	22UCS021	920422104134	SANTHIYA.B	II CSE B	75
27	22UCS133	920422104135	SANTHOSH KUMAR.S	II CSE B	73
28	22UCS061	920422104122	RAJESHWARI.R	II CSE B	73
29	22UCS032	920422104070	JOEL JONES.J	II CSE B	84
30	22UCS087	920422104109	PAVITHRA M	II CSE C	81
31	22UCS096	920422104112	POONKUZHALI P	II CSE C	82
32	22UCS100	920422104123	RAJESWARI H	II CSE C	78
33	22UCS108	920422104046	GEORGE S	II CSE C	77
34	22UCS113	920422104015	ANUSHAA P S	II CSE C	82
35	22UCS117	920422104067	JEYARAM R	II CSE C	77
36	22UCS121	920422104072	JOHNPAUL P	II CSE C	76
37	22UCS124	920422104148	SIBI SURAJ V	II CSE C	76
38	22UCS125	920422104141	SHARMILA P	II CSE C	74
39	22UCS127	920422104040	DIVYA R	II CSE C	73
40	22UCS139	920422104091	MAHALAKSHMI P	II CSE C	78
41	22UCS140	920422104127	RASHITHA ASHRAF M	II CSE C	83
42	22UCS147	920422104081	KAVIPRIYA N	II CSE C	75
43	22UCS152	920422104145	SHYAMVISHAAL K P	II CSE C	90
44	22UCS153	920422104113	PRAVEEN KUMAR S	II CSE C	90

45	22UCS156	920422104174	VITHYA M	II CSE C	74
46	22UAD027	920422243020	AKSHAYA.K.S	II ADS	75
47	22UAD037	920422243027	VAISHNAVI.S	II ADS	73
48	22UAD010	920422243018	MEDHANA.K	II ADS	79
49	22UAD041	920422243004	PARANI DHARSHAN.B	II ADS	78
50	22UAD008	920422243012	JEYA RIMAASRI.A.S	II ADS	78
51	22UAD035	920422243014	ISHWARYA LAKSHMI.M	II ADS	76
52	22UAD022	920422243017	JAI AKASH.R	II ADS	76
53	22UAD051	920422243043	SHARON.P	II ADS	74
54	22UAD032	920422243052	GEETHAN.S	II ADS	72
55	22UAD036	920422243033	SELVAPANDEESWARAN.V	II ADS	75
56	22UAD057	920422243056	SYED NAZMUDEEN.S	II ADS	74
57	22UAD033	920422243044	HAREN GURU.V	II ADS	79
58	22UAD047	920422243051	VISHNU PRITHVI.C	II ADS	85
59	22UAD059	920422243030	GOKULAVASAN.J	II ADS	72
60	22UAD058	920422243013	NISANTH KRISHNA.M	II ADS	77

Trainer   VAC INCHARGE

VAC CORDINATOR   HOD CSE

DEAN (Academic Courses)

VAC-Mastering the Art of Coding(JAVA)-Batch 2 FEEDBACK DAY 1 -12.02.2024 (II CSE & II ADS)

58	01:16	Active
Responses	Average time to complete	Status

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1. Desgination

🔵 Student	58	
🟠 Staff	0	
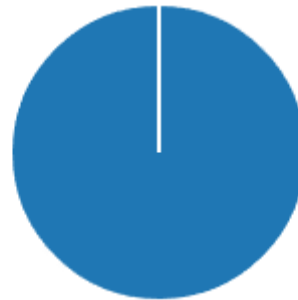
2. Name

58
Responses

4 respondents (**7**%) answered **S** for this question.

Sureshbharathi B
JAI AKASHR
Anus
Mahalakshmi P
Sibi
S B
Poonkuzhali P
Pavit
P M
Dharunika M
kumar
SHARMILA
SANJANA B
S Rajesh
VITHYA M
sakash arumugam

3. Roll Number

58
Responses

1 respondents (**2**%) answered **22uad041** for this question.

22ucs097
22ucs096
22ucs009
22ucs074
22ucs139
22UAD057
22ucs032
22uc
22UCS050
22ucs048
22uad041
22UAD022
22uc
22ucs142
22ucs063
22ucs095
22UCS135
22uad036
22ucs1

4. Class

🔵	II CSE A	15
🟠	II CSE B	14
🟢	II CSE C	15
🔴	II ADS	14

5. Were objectives of the Program met?

🔵	Completely agree	23
🟠	Strongly agree	20
🟢	Agree	13
🔴	Partly Agree	1
🟣	Disagree	1

6. Was the Program sequence well planned?

🔵	Completely agree	23
🟠	Strongly agree	23
🟢	Agree	9
🔴	Partly Agree	2
🟣	Disagree	1

7. Were the lectures clear and easy to understand?

🔵	Completely agree	21
🟠	Strongly agree	18
🟢	Agree	14
🔴	Partly Agree	3
🟣	Disagree	2

8. Whether the instructors encouraged the interaction?

🔵	Completely agree	20
🟠	Strongly agree	20
🟢	Agree	11
🔴	Partly Agree	3
🟣	Disagree	4

9. The information delivered at this session was highly beneficial.

🔵	Completely agree	21
🟠	Strongly agree	19
🟢	Agree	14
🔴	Partly Agree	2
🟣	Disagree	2

10. Organization of the Program was Good

🔵	Completely agree	21
🟠	Strongly agree	20
🟢	Agree	12
🔴	Partly Agree	3
🟣	Disagree	2

11. Comments/Suggestions

58
Responses

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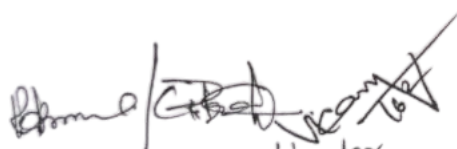
21 respondents (**36**%) answered **GOOD** for this question.
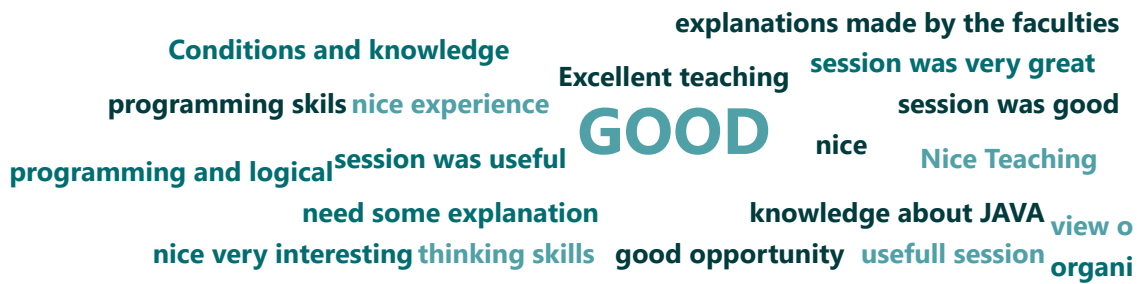
explanations made by the faculties

Conditions and knowledge

session was very great

Excellent teaching

programming skils nice experience

session was good

GOOD

nice

programming and logical session was useful

Nice Teaching

need some explanation

knowledge about JAVA view o

nice very interesting thinking skills good opportunity usefull session organi

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COURSE Co-ordinator

Mr V RAJESH YANNAN,
Mr R KUMARAVEL,
Mr. G PRAVEEN KUMAR

HOD CSE

VAC-Mastering the Art of Coding(JAVA)-Batch 2 FEEDBACK DAY 2-13.02.2024 (II CSE & II ADS)

56 Responses   **01:47** Average time to complete   **Active** Status

1. Desgination

- 🔵 Student   56
- 🟠 Staff   0

2. Name

56
Responses
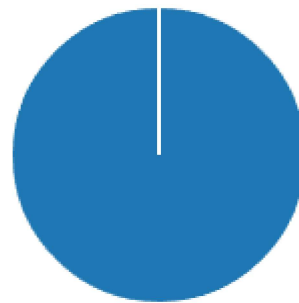
Latest Responses
"K.P.SHYAMVISHAAL"
"JAI AKASH"
"ISHWARYA LAKSHMI.M"

4 respondents (**7%**) answered **S** for this question.

Selvakumar T
Dharunika M   VITHYA M   Pavithra M
Poonkuzhali P   **Sibi**   **S**   **P**   Kumar Nisant
Mahalakshmi P   Rajesh S   Sharmila P ISH\
Rajeswari H   Anusha tr   SMMadhu Midha Rashitha Ashraf

3. Roll Number

56

Responses

Latest Responses

"22UCS152"

"22UAD022"

"22UAD035"

1 respondents (**2**%) answered **22ucs110** for this question.

22ucs156   **22ucs124**

22UCS100   **22ucs097**   **22ucs153**   22ucs032

22ucs151   **22ucs063**   **22ucs110**   **22UCS006**   22u

22UAD057   22u

22UCS135   **22ucs133**   22ucs117

22UCS048   22uad036   22ucs

4. Class

🔵 II CSE A	15	
🟠 II CSE B	13	
🟢 II CSE C	16	
🔴 II ADS	12	

5. Were objectives of the Program met?

🔵 Completely agree	20	
🟠 Strongly agree	22	
🟢 Agree	10	
🔴 Partly Agree	3	
🟣 Disagree	1	

6. Was the Program sequence well planned?

🔵	Completely agree	19
🟠	Strongly agree	18
🟢	Agree	15
🔴	Partly Agree	3
🟣	Disagree	1

7. Were the lectures clear and easy to understand?

🔵	Completely agree	18
🟠	Strongly agree	16
🟢	Agree	16
🔴	Partly Agree	4
🟣	Disagree	2

8. Whether the instructors encouraged the interaction?

🔵	Completely agree	19
🟠	Strongly agree	15
🟢	Agree	15
🔴	Partly Agree	4
🟣	Disagree	3

9. The information delivered at this session was highly beneficial.

🔵	Completely agree	19
🟠	Strongly agree	18
🟢	Agree	13
🔴	Partly Agree	5
🟣	Disagree	1

10. Organization of the Program was Good

🔵	Completely agree	21
🟠	Strongly agree	17
🟢	Agree	12
🔴	Partly Agree	5
🟣	Disagree	1

11. Comments/Suggestions

56
Responses

Latest Responses

"*Good.*"

"*GOOD*"

"*It was a good experience.*"

27 respondents (**48**%) answered **good** for this question.

basic techniques

seesion was useful

session is useful   good experience

section is useful   session was good

clear explanation   useful   **good**   Explanation   o

Best platform   Nice

problems   logical

Good sessions

logical thinking   session was reall

COURSE Co-ordinator
Mr V RAJESH KANNAN,
Mr R KUMARAVEL,
Mr. G PRAVEEN KUMAR

HOD CSE

VAC-Mastering the Art of Coding(JAVA)-Batch 2 FEEDBACK DAY 3-14.02.2024 (II CSE & II ADS)

52 Responses   **01:06** Average time to complete   **Active** Status

1. Desgination

🔵 Student		52
🟠 Staff		0
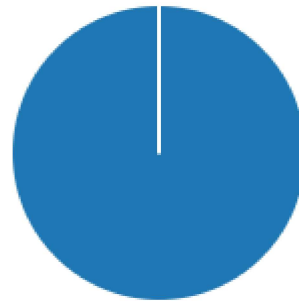
2. Name

52
Responses

Latest Responses
"*P.Johnpaul*"
"*Sinivasan*"
"*Poonkuzhali P*"

3 respondents (**6%**) answered **S** for this question.

Dharunika M   JAI AKASHR   VITHYA M   A

Poonkuzhali P **Kumar** **S** B **P** **Sibi** SMM

Akash ArumugamS

Nisanth KrishnaM Mahalakshmi P S Rajesh   Sharmila P   Ha

PRIYANGA SRIK   Pavithra M   Anus

3. Roll Number

52

Responses

"*22ucs121*"

"*22ucs142*"

"*22ucs096*"

1 respondents (**2**%) answered **22ucs147** for this question.

22ucs153   22uad058
22ucs032   22UCS048   22ucs097   22ucs127
22uad051   22UAD022   22ucs147   22UCS006   22ua
22UCS052   22ucs041   22ucs063   22ucs110   22u
22ucs117   22ucs139   22UCS

4. Class

🔵 II CSE A	13	
🟠 II CSE B	13	
🟢 II CSE C	13	
🔴 II ADS	13	
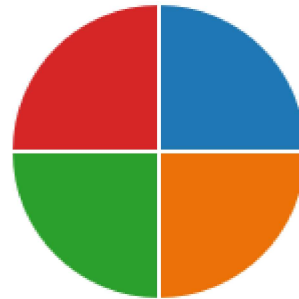
5. Were objectives of the Program met?

🔵 Completely agree	13	
🟠 Strongly agree	18	
🟢 Agree	16	
🔴 Partly Agree	4	
🟣 Disagree	1	
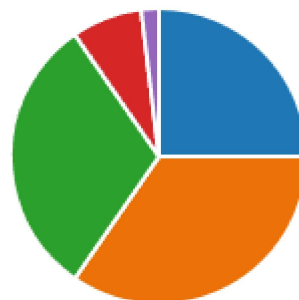
6. Was the Program sequence well planned?

🔵 Completely agree	16	
🟠 Strongly agree	15	
🟢 Agree	15	
🔴 Partly Agree	5	
🟣 Disagree	1	
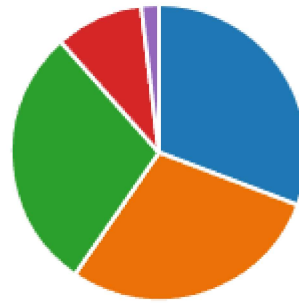
7. Were the lectures clear and easy to understand?

🔵 Completely agree	16	
🟠 Strongly agree	13	
🟢 Agree	15	
🔴 Partly Agree	7	
🟣 Disagree	1	
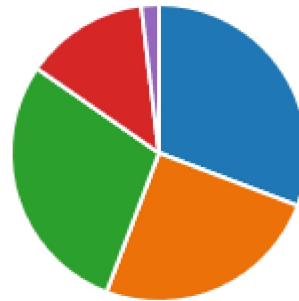
8. Whether the instructors encouraged the interaction?

🔵 Completely agree	14	
🟠 Strongly agree	17	
🟢 Agree	16	
🔴 Partly Agree	3	
🟣 Disagree	2	
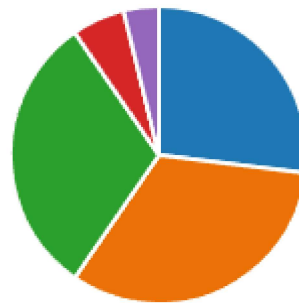
9. The information delivered at this session was highly beneficial.

🔵 Completely agree	15	
🟠 Strongly agree	15	
🟢 Agree	16	
🔴 Partly Agree	5	
🟣 Disagree	1	
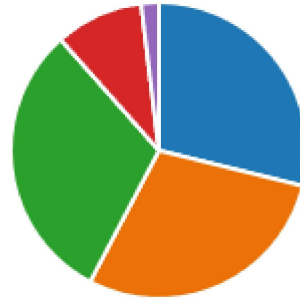
10. Organization of the Program was Good

🔵 Completely agree	15	
🟠 Strongly agree	16	
🟢 Agree	15	
🔴 Partly Agree	5	
🟣 Disagree	1	
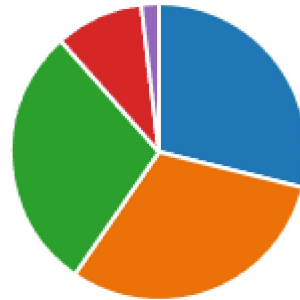
11. Comments/Suggestions

Latest Responses

"nice"

"fair"

"Nice"

52

Responses

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28 respondents (**54**%) answered **Good** for this question.

better intiative   gentle   CLAR

PROBLEM   GOOD JOB   overall good

quality education   clear   nil   **Good**   Good session   un

Session was really nice   OOPs concep

program was good   session was good   Course   Extra

COURSE Co-ordinator
Mr V RAJESH KANNAN,
Mr R KUMARAVEL,
Mr. G PRAVEEN KUMAR

HOD CSE

VAC-Mastering the Art of Coding(JAVA)-Batch 2 FEEDBACK DAY4 -15.02.2024 (II CSE & II ADS)

57 Responses   **01:04** Average time to complete   **Active** Status

1. Desgination

🔵 Student	57
🟠 Staff	0
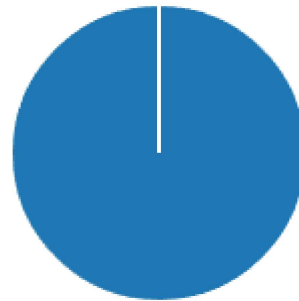
2. Name

57
Responses

Latest Responses

"*B.Santhiya*"

"*V.Selvapandeeswaran*"

"*Vishnu Prithvi C*"

---

5 respondents (**9**%) answered **P** for this question.

Ashwin GR   Pavithra M   Akash A

Mahalakshmi P   VITHYA M   Nis

ISHWARYA LAKSHMIM   Kumar   B   **M**   **P**   Sibi   **S**   Sharmila P

JAI AKASHR   Dharunika M   Poonkuzhali P

ASJeya rimaasri   PRIYANGA SRIK   Rashitha Ashraf

---

3. Roll Number

57
Responses

1 respondents (2%) answered **22UCS048** for this question.

22UCS052   22ucs147

22UCS006   22ucs032   22uad058   22ucs110

22UAD057   22ucs063   22UCS048   22ucs153   22ua
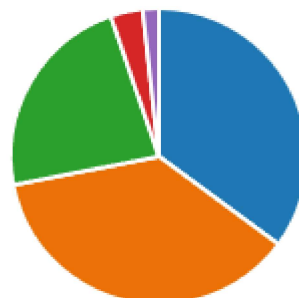
22ucs097   22U

22ucs095   22uad041   22ucs117   22uc017   22ucs

22uad008

4. Class

🔵 II CSE A	14	
🟠 II CSE B	13	
🟢 II CSE C	15	
🔴 II ADS	15	
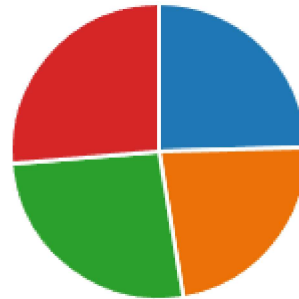
5. Were objectives of the Program met?

🔵 Completely agree	20	
🟠 Strongly agree	21	
🟢 Agree	13	
🔴 Partly Agree	2	
🟣 Disagree	1	

6. Was the Program sequence well planned?

🔵	Completely agree	22
🟠	Strongly agree	18
🟢	Agree	13
🔴	Partly Agree	3
🟣	Disagree	1
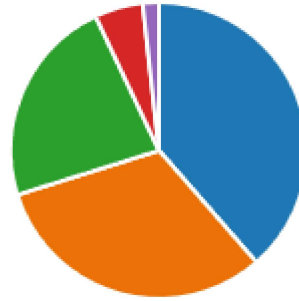
7. Were the lectures clear and easy to understand?

🔵	Completely agree	22
🟠	Strongly agree	16
🟢	Agree	13
🔴	Partly Agree	5
🟣	Disagree	1
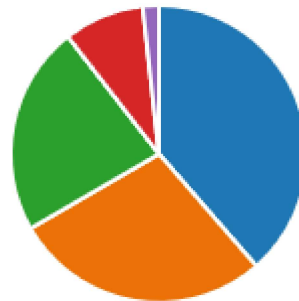
8. Whether the instructors encouraged the interaction?

🔵	Completely agree	22
🟠	Strongly agree	16
🟢	Agree	14
🔴	Partly Agree	4
🟣	Disagree	1
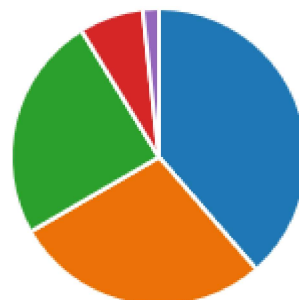
9. The information delivered at this session was highly beneficial.

🔵	Completely agree	22
🟠	Strongly agree	19
🟢	Agree	11
🔴	Partly Agree	4
🟣	Disagree	1
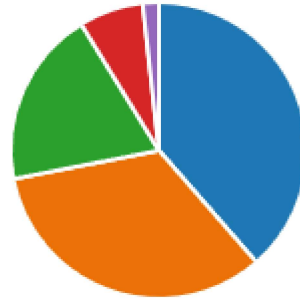
10. Organization of the Program was Good

🔵	Completely agree	20
🟠	Strongly agree	20
🟢	Agree	11
🔴	Partly Agree	4
🟣	Disagree	2

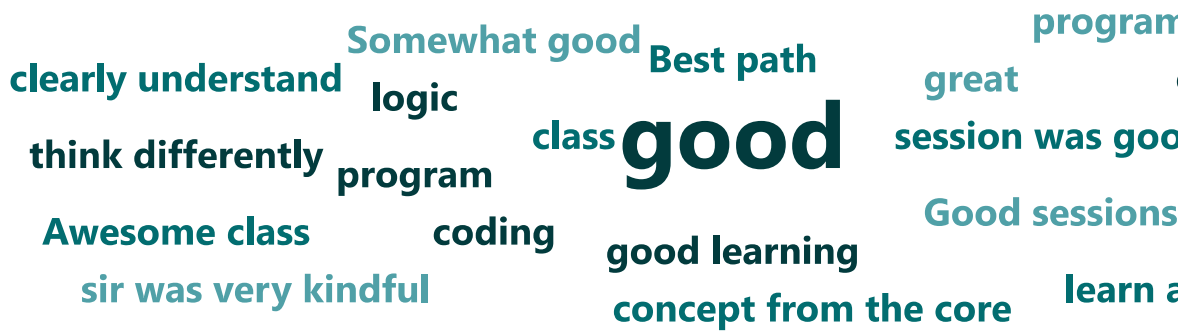11. Comments/Suggestions

56
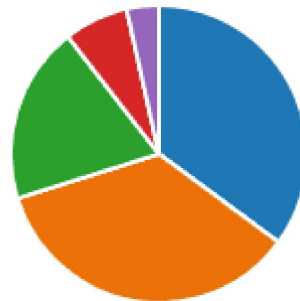
Responses

Latest Responses

"*Need More Explanation*"

"*good*"

"*The program helps us to think differently than the way we u...*"

↻ **Update**

34 respondents (**60**%) answered **good** for this question.

Somewhat good Best path program

clearly understand logic great

think differently class **good** session was goo

program

Awesome class coding Good sessions

sir was very kindful good learning learn a

concept from the core

COURSE Co-ordinator
Mr V RAJESH KANNAN,
Mr R KUMARAVEL,
Mr. G PRAVEEN KUMAR

HOD CSE

VAC-Mastering the Art of Coding(JAVA)-Batch 2 FEEDBACK DAY5 -16.02.2024 (II CSE & II ADS)

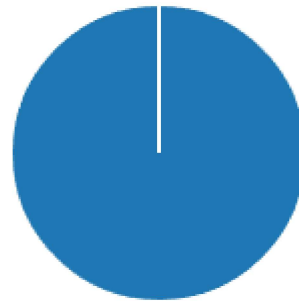**56** Responses   **00:53** Average time to complete   **Active** Status

1. Desgination

- 🔵 Student   56
- 🟠 Staff   0

2. Name

56
Responses

Latest Responses
"*Vishnu Prithvi C*"
"*R.Rajeshwari*"
"*Johnpaul.P*"

4 respondents (**7**%) answered **S** for this question.

JAI AKASHR   Rashitha Ashraf   ISHWARYA LAKSHMIM Ashwi
VITHYA M   **Sibi**   **S** **B**   Dharunika M   SMM
MNisanth Krishna   **M P**   A
Sureshbharathi B   J
Kumar   Pavithra M
ASJeya rimaasri   SANJANA B

3. Roll Number

56

Responses

1 respondents (**2**%) answered **22ucs095** for this question.

22ucs096 22ucs087

22ucs132 22ucs100 22uad041 22uad036

22ucs063 22ucs097 22ucs095 22UCS050 22u

22UCS048 22u

22ucs156 22UAD057 22ucs117
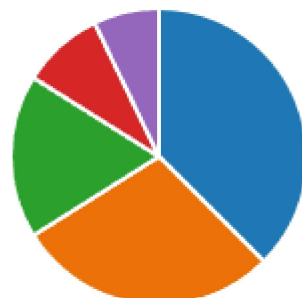
22ucs139 22UCS113 22ucs

4. Class

🔵 II CSE A	13	
🟠 II CSE B	13	
🟢 II CSE C	16	
🔴 II ADS	14	

5. Were objectives of the Program met?

🔵 Completely agree	21	
🟠 Strongly agree	16	
🟢 Agree	10	
🔴 Partly Agree	5	
🟣 Disagree	4	

6. Was the Program sequence well planned?

🔵	Completely agree	21
🟠	Strongly agree	14
🟢	Agree	10
🔴	Partly Agree	7
🟣	Disagree	4
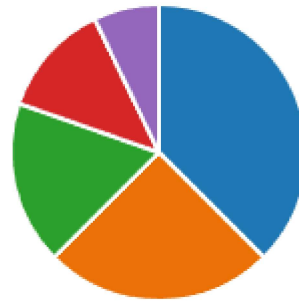
7. Were the lectures clear and easy to understand?

🔵	Completely agree	20
🟠	Strongly agree	13
🟢	Agree	11
🔴	Partly Agree	6
🟣	Disagree	6

8. Whether the instructors encouraged the interaction?

🔵	Completely agree	23
🟠	Strongly agree	11
🟢	Agree	10
🔴	Partly Agree	7
🟣	Disagree	5
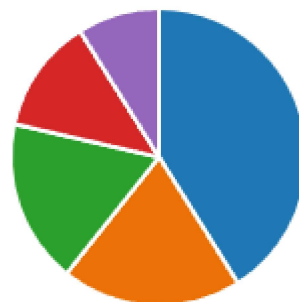
9. The information delivered at this session was highly beneficial.

🔵	Completely agree	22
🟠	Strongly agree	13
🟢	Agree	9
🔴	Partly Agree	8
🟣	Disagree	4
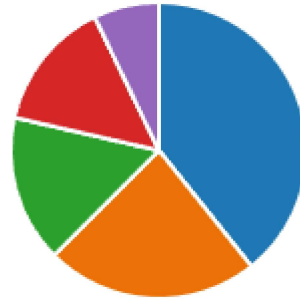
10. Organization of the Program was Good

🔵	Completely agree	22
🟠	Strongly agree	11
🟢	Agree	11
🔴	Partly Agree	7
🟣	Disagree	5
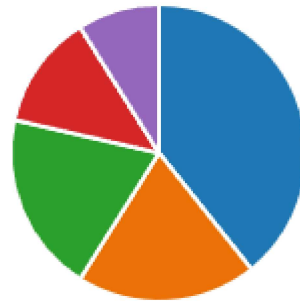
11. Comments/Suggestions

55
Responses

Latest Responses

"No Comments."

"Nil"

"Not bad "

↻ **Update**

24 respondents (**43**%) answered **good** for this question.

things   Excellent Session   Need More

session is good   not good   class

java   Good session   **good**   concepts   c

nice

practical classes   class   Overall good

learning paltform   OOPS concepts   Great Session   sinc

COURSE Co-ordinator
Mr V RAJESH KANNAN,
Mr R KUMARAVEL,
Mr. G PRAVEEN KUMAR

HOD CSE

VAC-Mastering the Art of Coding(JAVA)-Batch 2 FEEDBACK-DAY6-17.02.2024 (II CSE & II ADS)

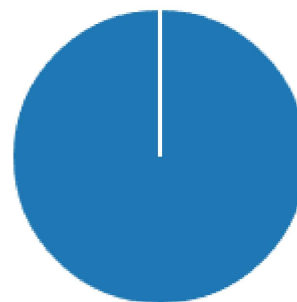**56** Responses   **01:47** Average time to complete   **Active** Status

1. Desgination

- 🔵 Student — 56
- 🟠 Staff — 0

2. Name

56
Responses

Latest Responses
"K.P.SHYAMVISHAAL"
"JAI AKASH"
"ISHWARYA LAKSHMI.M"

---

4 respondents (**7**%) answered **S** for this question.

Selvakumar T
Dharunika M   VITHYA M   Pavithra M   ASJeya
Poonkuzhali P   Sibi   S   P   Kumar   Nisanth Krish
Mahalakshmi P   Rajesh S   Sharmila P   ISHWARYA
Rajeswari H   Anusha tr   SMMadhu Midha   Rashitha Ashraf   JAI A

3. Roll Number

1 respondents (**2**%) answered **22ucs110** for this question.

22ucs156 22ucs124

22ucs153   22ucs032   22u

22UCS100   22ucs097

22UCS006   22ucs009

22ucs151   22ucs063   22ucs110

22UAD057   22uad058

22UCS135   22ucs133   22ucs117

22UCS048   22uad036   22ucs139

4. Class

🔵 II CSE A	15	
🟠 II CSE B	13	
🟢 II CSE C	16	
🔴 II ADS	12	

5. Were objectives of the Program met?

🔵 Completely agree	20	
🟠 Strongly agree	22	
🟢 Agree	10	
🔴 Partly Agree	3	
🟣 Disagree	1	

6. Was the Program sequence well planned?

🔵	Completely agree	19
🟠	Strongly agree	18
🟢	Agree	15
🔴	Partly Agree	3
🟣	Disagree	1

7. Were the lectures clear and easy to understand?

🔵	Completely agree	18
🟠	Strongly agree	16
🟢	Agree	16
🔴	Partly Agree	4
🟣	Disagree	2

8. Whether the instructors encouraged the interaction?

🔵	Completely agree	19
🟠	Strongly agree	15
🟢	Agree	15
🔴	Partly Agree	4
🟣	Disagree	3

9. The information delivered at this session was highly beneficial.

🔵	Completely agree	19
🟠	Strongly agree	18
🟢	Agree	13
🔴	Partly Agree	5
🟣	Disagree	1

10. Organization of the Program was Good

🔵	Completely agree	21
🟠	Strongly agree	17
🟢	Agree	12
🔴	Partly Agree	5
🟣	Disagree	1

11. Comments/Suggestions

56
Responses

Latest Responses
"Good."
"GOOD"
"It was a good experience."

27 respondents (**48**%) answered **good** for this question.

seesion was useful   basic techniques
session is useful   good experience   nice e
section is useful   session was good
clear explanation   useful   **good** Nice   Explanation   Overall
Best platform   problems   Good sessions   logical   logical
logical thinking   session was really und

COURSE Co-ordinator
Mr V RAJESH SANNAN,
Mr R KUMARAVEL,
Mr. G PRAVEEN KUMAR

HOD CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course on

Mastering the Art of Coding - JAVA Programming

Batch II

Total Number of Students: 60

Date: 12-02-2024 to 17-02-2024

HRlytics, Bengaluru. Trainer Name: Mr.S.Sasidharan, Software Trainer

REPORT

The Department of Computer Science and Engineering, Kamaraj college of Engineering and Technology is conducted a Value Added Course on Mastering the Art of Coding "JAVA PROGRAMMING" Batch II in connection with HRLytics, Bengaluru for II year CSE and II year ADS students from 12-02-2024 to 17-02-2024. Resource person Mr.S.Sasidharan Software Trainer, HRLytics, Bengaluru has handled the sessions both practical as well as theory.

The resource person conducted the course in interactive manner. He addressed that the course to emphasize developing and solving scenario based online problems using the JAVA programming with company login credentials. The six days programme was really useful session to enhance coding skills through JAVA programming.

Programming Fundamentals, oops using Java, Basic Elements of Java were demonstrated and online environment portal practiced on Day 1. OOPS, Classes, Methods and Packages were discussed on Day 2. Inheritance & Interfaces were explained with real world examples on Day 3. Collections & Inner class were discussed in detailed manner on Day 4. Collections and Generic methods were explained on Day 5. Exception Handling and multithreading were demonstrated on Day 6. An assessment was conducted on Day 6 with specially designed test login for 2 hours. All six days the students solved 10 to 15 scenario based problems using the portal.. Students feedback was collected for all the six days and they have felt it was an informative session. Overall the Value added Course was gone well and it helps to enhance the insights into coding skills in JAVA Programming. The Students assured continue the problem solving practices using the portal.

Course Incharges

Mr. Y. Rajesh Kanna, AP-CSE

Mr. R. Kumaravel, AP-CSE

AP-CSE

HOD -CSE

Dr. A. Meenakshi

447