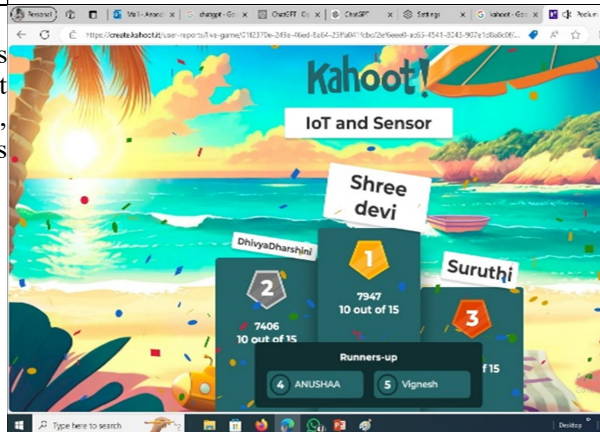
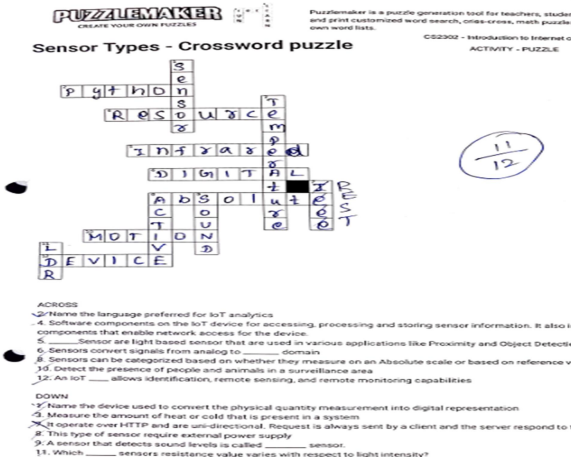



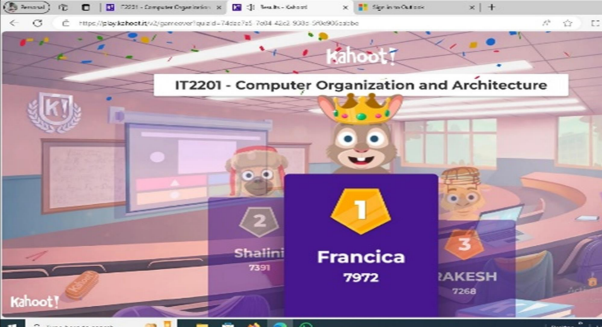
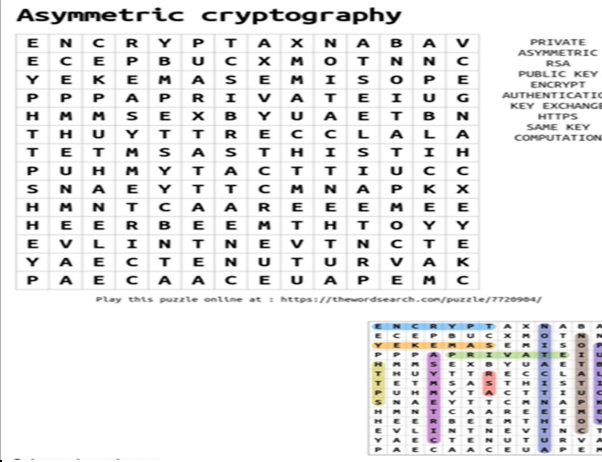
Department of Computer Science and Engineering

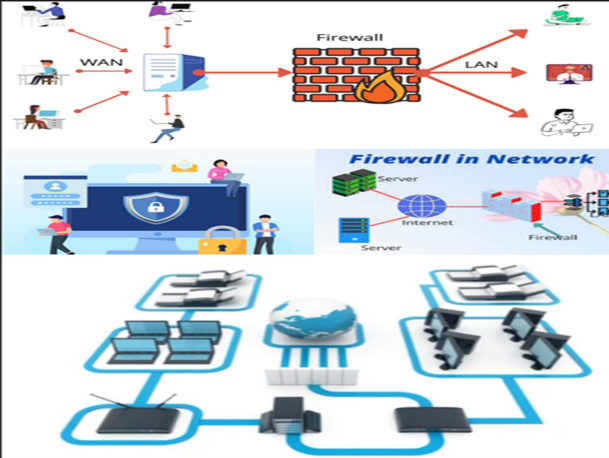
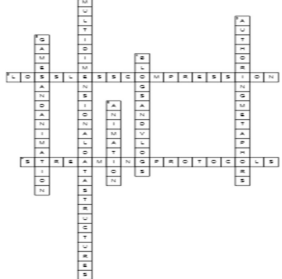
Active Learning Methods Followed in Class Room Teaching

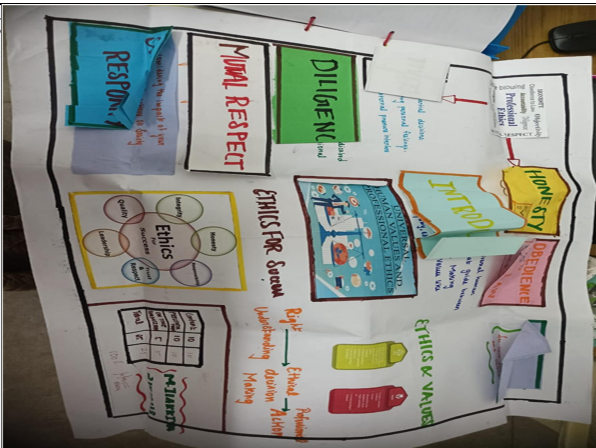
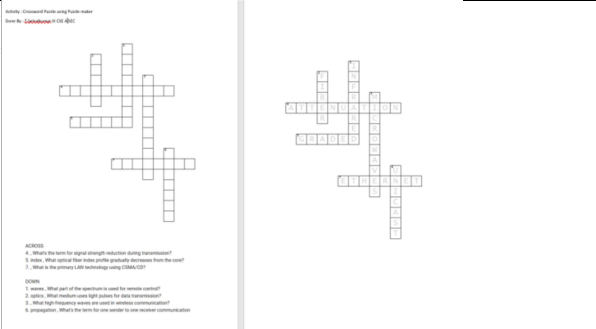
2024– 2025 [ODD]

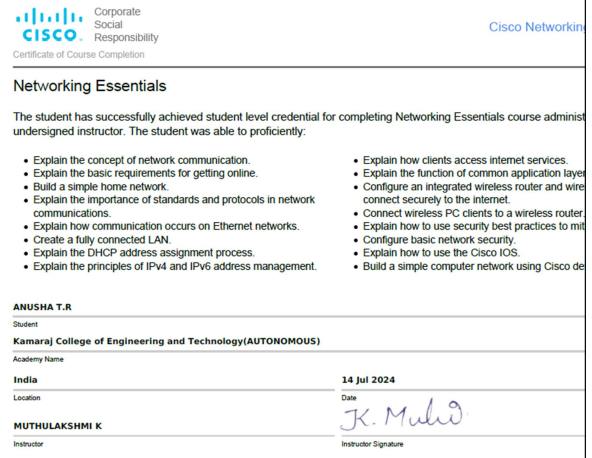
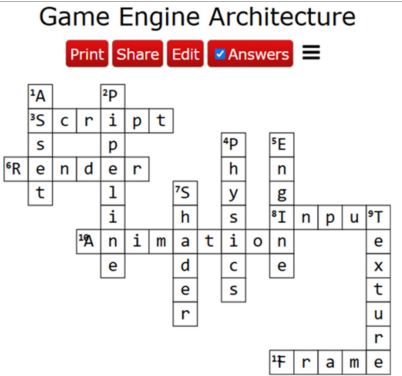
S. No.	Name of the faculty	Subject name with code	Pedagogical tool used (ICT tool / Other pedagogical tools like Jigsaw, Think-Pair-Share etc)	Number of student participants	Purpose of the tool used	Proof (photos)
1.	Dr.A.Anandh	CS2302 – Introduction to Internet of Things	Kahoot Quiz	III CSE C - 61	It enhances a student's learning. Also, it makes it fun and interactive, keeping participants engaged and motivated.	

	A.Anandh	CS2302 – Introduction to Internet of Things	Cross Word Puzzle	III CSE C - 61	To understand the basic information and key concepts about IoT.	 <p>PUZZLEMAKER CREATE YOUR OWN PUZZLES</p> <p>Sensor Types - Crossword puzzle</p> <p>ACROSS</p> <p>4. Name the language preferred for IoT analytics</p> <p>5. Software components on the IoT device for accessing, processing and storing sensor information. It also includes components that enable network access for the device.</p> <p>6. Sensor are light based sensor that are used in various applications like Proximity and Object Detection</p> <p>7. Sensors convert signals from analog to _____ domain</p> <p>8. Sensors can be categorized based on whether they measure on an Absolute scale or based on reference value</p> <p>10. Detect the presence of people and animals in a surveillance area</p> <p>12. An IoT _____ allows identification, remote sensing, and remote monitoring capabilities</p> <p>DOWN</p> <p>1. Name the device used to convert the physical quantity measurement into digital representation</p> <p>3. Measure the amount of heat or cold that is present in a system</p> <p>9. It operate over HTTP and are uni-directional. Request is always sent by a client and the server respond to the request</p> <p>11. This type of sensor require external power supply</p> <p>13. A sensor that detects sound levels is called _____ sensor.</p> <p>14. Which _____ sensor's resistance value varies with respect to light intensity?</p>
	Dr.A.Anandh	IT2201- Computer Organization and Architecture	One Minute Paper	II CSE A - 60	To understand the IoT associated keywords and its meaning with usage.	<p>25/7/24</p> <p>1 minute paper</p> <p>memory location</p> <p>memory address</p> <p>Byte addressability</p> <p>memory operation</p> <p>little Endian</p> <p>Big Endian</p> <p>RISC and CISC</p> <p>Memory space</p> <p>MSB - LS</p> 

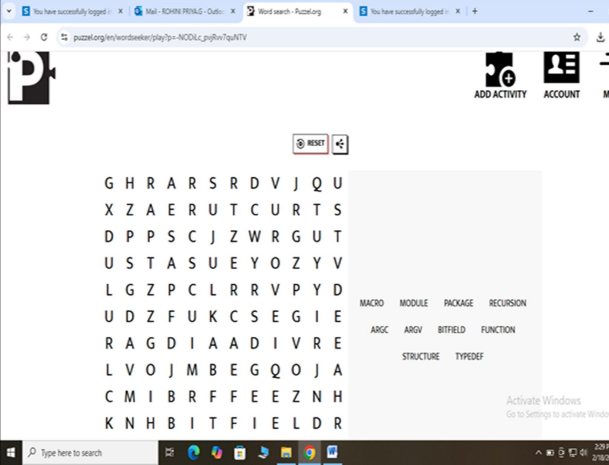
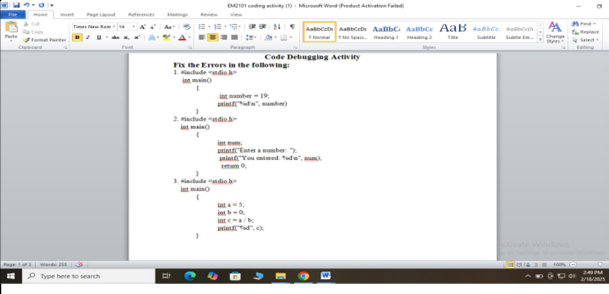
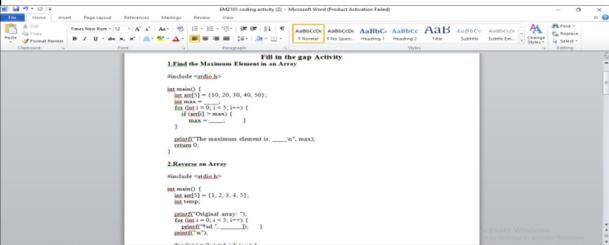
		IT2201- Computer Organization and Architecture	Kahoot Quiz	II CSE A - 61	It enhances a student's learning. Also, it makes it fun and interactive, keeping participants engaged and motivated	
2	S.Janani	CS2401 – Cryptography and Network Security	Word Search	IV CSE A – 52	To keep the key terms in memory easily	



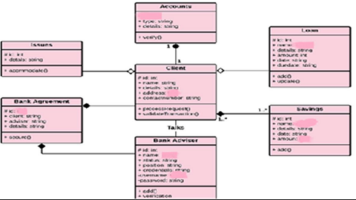
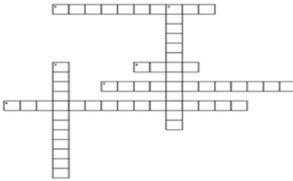
			Poster Making on the topic – Firewalls	IV CSE A - 52	To illustrate the basic mechanism visually	
3	M.MOHANA	VCS341- Multimedia Systems	Cross Word Puzzle	III CSE C - 61	To understand the basic information and key concepts about Multimedia.	 <p>Across</p> <p>5. Lossless Compression 7. Streaming protocols</p> <p>Down</p> <p>1. Multidimensional Data Structures 2. Authoring Metaphors 3. Games and Animation 4. Blogs and Vlogs 6. Animation</p>


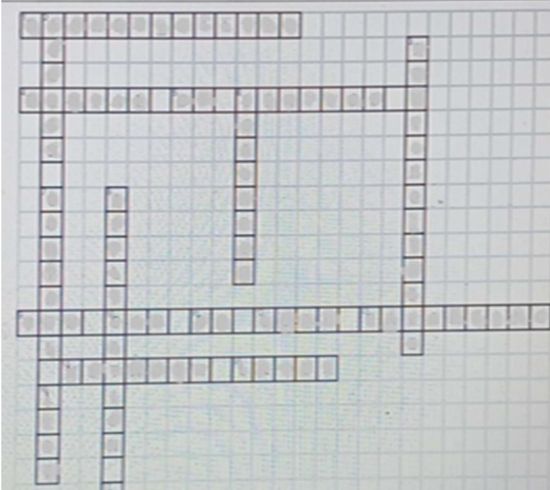
	M.MOHANA	GE2401- Universal Human Values and Ethics	Poster Making on the topic – The Holistic Perception of Harmony in Existence.	IV CSE A B - 125	To Illustrate the building blocks of Harmony in the Nature/Existence.	
4	K.Muthulakshmi	CS2304 – Networking Essentials	Crossword puzzle	III CSE A- 62	To evaluate the understanding level of the students	

	K.Muthulakshmi	CS2304 – Networking Essentials	Online Self Learning course(CISCO)	III CSE A- 62	To motivate the students in learning new concepts by self learning	 <p>The student has successfully achieved student level credential for completing Networking Essentials course administered by undersigned instructor. The student was able to proficiently:</p> <ul style="list-style-type: none"> Explain the concept of network communication. Explain the basic requirements for getting online. Build a simple home network. Explain the importance of standards and protocols in network communications. Explain how communication occurs on Ethernet networks. Create a fully connected LAN. Explain the DHCP address assignment process. Explain the principles of IPv4 and IPv6 address management. Explain how clients access internet services. Explain the function of common application layer protocols. Configure an integrated wireless router and wireless PC clients to a wireless network. Connect wireless PC clients to a wireless router. Explain how to use security best practices to mitigate threats. Configure basic network security. Explain how to use the Cisco IOS. Build a simple computer network using Cisco IOS. <p>ANUSHA T.R Student Kamaraj College of Engineering and Technology(AUTONOMOUS) Academy Name</p> <p>India Location 14 Jul 2024 Date MUTHULAKSHMI K Instructor <i>K. Muthulakshmi</i> Instructor Signature</p>
5.	S.Janani	Game Design Techniques	Crossword puzzle	III CSE - 34	To keep the key terms in memory easily	 <p>Print Share Edit Answers</p> <p>1A 2P 3S c r i p t s p 4R e n d e r t l i 5A n i m a t i o n e d e r 6P h n y g 7S h s 8I n p u t 9T e x t u r e 10F r a m e</p>


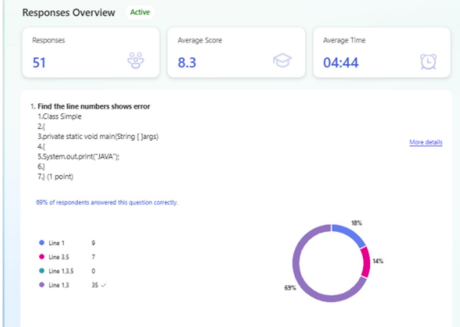



			Word Search	III CSE - 34	To understand the basic terms used in the topic with its description	<div>This is your Word Search!</div> <div>EPNWOHSOVFRCLG ZBACECAFRETNIAN IBSTIIIUSEYMWYI MKGSTQWODESOAED IXYWXEUXJIKDWRN THYWRBRWHMOEXSI PRACCDENANBLFZF OKEEBIAFSGTSFBH GLNNVSCINAWCEWT JEDEICOLLISIONA ODEWRGBWEVJVRLP AORBMONEENWAOEJ KNEITWCEEZYGBBU CONTROLLERIHNZP LKGABSTRACTIONF</div> <div><div>Abstraction Controller Interface mechanics Optimize Physics View</div><div>Audio Core Layers Model Pathfinding Rendering</div><div>Collision Engine Logic Models Patterns Resource</div></div>										
6.	E.Vijayalakshmi	IT2201-Computer Organization & Architecture.		II year-58	To understand the basic information and key concepts about pieplining using instruction.	<table><tr><td>No of Participants</td><td>58</td></tr><tr><td>Pedagogic Tool used</td><td>Online quiz activity</td></tr><tr><td>Purpose of the tool used</td><td>To understand the concept of booting of system.</td></tr><tr><td>Remarks</td><td>All the students are effectively participated</td></tr><tr><td>Proof</td><td></td></tr></table> <div>Activity Topic I: Discussion on booting of system, Quiz-Activity</div> <div>1) What is the first step in the booting process of a computer? <div><input type="radio"/> A. Loading the operating system <input type="radio"/> B. Booting <input type="radio"/> C. Cold Boot <input type="radio"/> D. Warm</div></div>	No of Participants	58	Pedagogic Tool used	Online quiz activity	Purpose of the tool used	To understand the concept of booting of system.	Remarks	All the students are effectively participated	Proof	
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Pedagogic Tool used	Online quiz activity															
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Remarks	All the students are effectively participated															
Proof																
7.	T.Divya	CS2203-System software and operating systems		II year-59	Online quiz activity	<table><tr><td>No of Participants</td><td>58</td></tr><tr><td>Pedagogic Tool used</td><td>Online quiz activity</td></tr><tr><td>Purpose of the tool used</td><td>To understand the concept of booting of system.</td></tr><tr><td>Remarks</td><td>All the students are effectively participated</td></tr><tr><td>Proof</td><td></td></tr></table> <div>Activity Topic I: Discussion on booting of system, Quiz-Activity</div> <div>1) What is the first step in the booting process of a computer? <div><input type="radio"/> A. Loading the operating system <input type="radio"/> B. Booting <input type="radio"/> C. Cold Boot <input type="radio"/> D. Warm</div></div>	No of Participants	58	Pedagogic Tool used	Online quiz activity	Purpose of the tool used	To understand the concept of booting of system.	Remarks	All the students are effectively participated	Proof	
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Purpose of the tool used	To understand the concept of booting of system.															
Remarks	All the students are effectively participated															
Proof																
	T.Divya	GE2491-Principles of Management		IV year-42	Puzzle activity	<div><div><div>GHRAARSRDVJQU XZAEERUTCURTS DPPSCJZWRGUT USTASUEYOZYV LGZPCLRRVPYD UDZFUKCSEGIE RAGDIAADIVRE LVOJMBEGQOJA CMIBRFFEEZNH KNHBITFIELDR VFUNCTIONDEK ZXWECGRAGXPX</div><div><div>MACRO ABSC STRUCTURE</div><div><div>MODULE ARGV BITFIELD</div><div><div>PACKAGE FUNCTION TYPEDEF</div><div>RECURSION</div></div></div></div></div></div>										

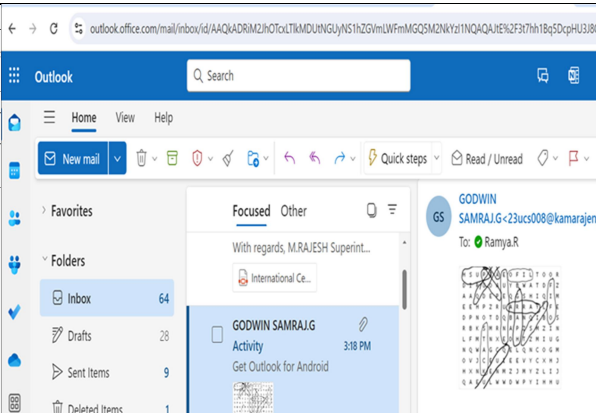
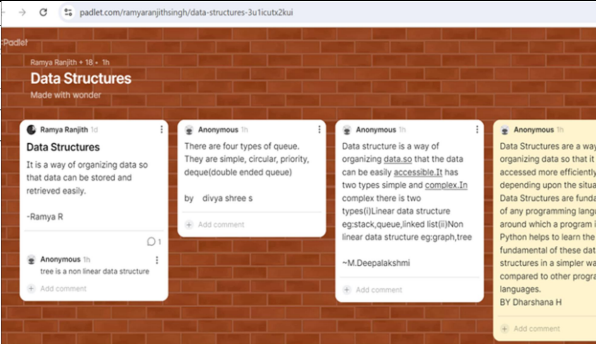
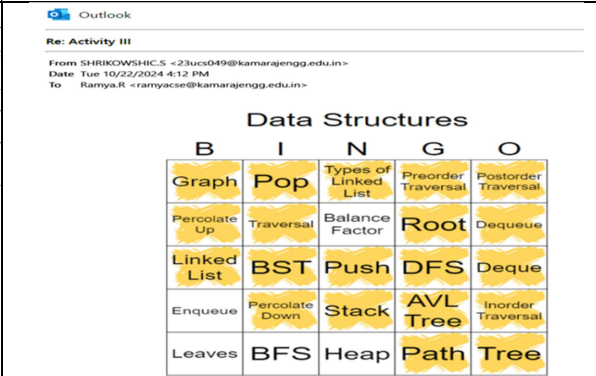
8.	G.Rohinipriya	EM2101 Coding Techniques-I	Crossword puzzle	I Year- 53	To keep the key terms in memory easily	
	G.Rohinipriya	EM2101 Coding Techniques-I	Code Debugging Activity	I Year- 53	To keep the key terms in memory easily	
	G.Rohinipriya	EM2101 Coding Techniques-I	Fill in the gap Activity	I Year- 55	To keep the key terms in memory easily	

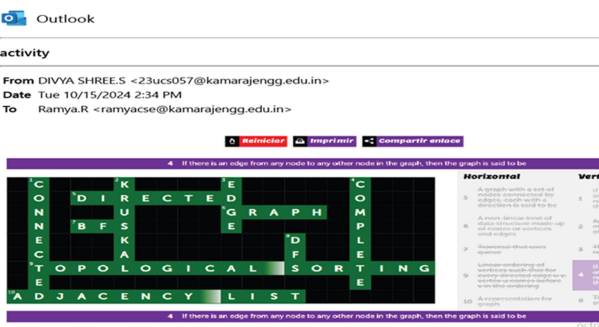

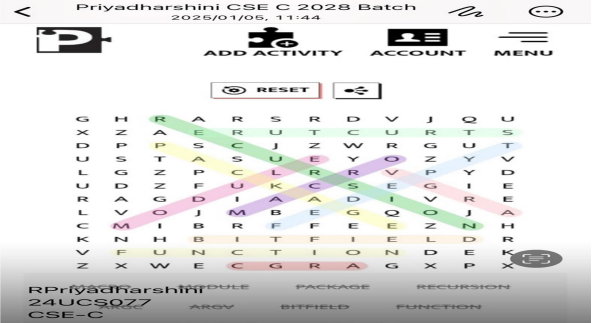
9.	Archana Devi.S	OCS702- Object oriented analysis and design	A1: Quiz on Use case modeling	IV Year-41	QUIZ ACTIVITY	 <p>(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) R.F.D. Chokkikulam, Nager, K. Veludurai - 625 701 (Near VIRUDHUNAGAR)</p> <p>Year : IV B.TEE/MECHTIRE Course Code : OCS702 Faculty Name : Mrs. Archana Devi.S AP-CSE Course Name : Object Oriented Analysis and Design Course Code as per NBA : --- Regulation : R2021 SEM-VII</p> <p>USE CASE MODELING ACTIVITY-1 QUIZ</p> <p>1) Use case description contents include _____ a) Use case name and number b) Actors c) Stakeholder and needs d) All of the mentioned</p> <p>2) Which descriptions are true for the use case description format? a) Underline text refers to another use case b) Extension section uses complicated numbering scheme c) Indentation is used in order to make extensions easier to read d) All of the mentioned</p> <p>3. 1. The use case description consists of information names which of the following?</p>
	Archana Devi.S	OCS702- Object oriented analysis and design	A2: Puzzle on class diagrams	IV Year-41	UNDERSTANDING THE CONCEPTS CLEARLY	 <p>(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) R.F.D. Chokkikulam, Nager, K. Veludurai - 625 701 (Near VIRUDHUNAGAR)</p> <p>Department of Computer Science and Engineering 2024 - 2025 (Odd Semester) ACTIVITY 2 SUBJECT: OCS702 Object oriented Analysis and Design</p> 
	Archana Devi.S	OCS702- Object oriented analysis and design	A3: Cross word puzzle	IV Year-41	TO KEEP THE KEY TERMS IN MEMORY	<p>Crossword puzzle in activity diagram</p>  <p>Answer</p> <p>1) The actor which the system interacts in a particular process is 2) The actor which the system interacts in a particular process is 3) The actor which the system interacts in a particular process is 4) The actor which the system interacts in a particular process is</p> <p>Answer</p> <p>1) The actor which the system interacts in a particular process is 2) The actor which the system interacts in a particular process is 3) The actor which the system interacts in a particular process is 4) The actor which the system interacts in a particular process is</p>

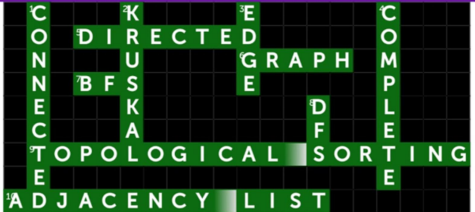
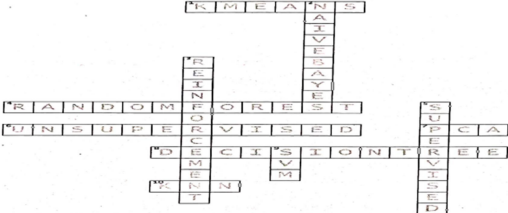
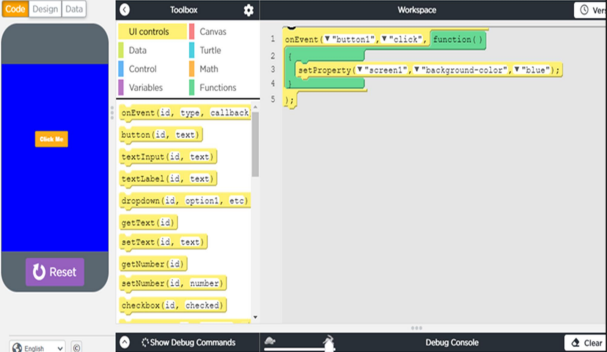
Archana Devi.S	VCS332- Principles of Cyber Security	Different types of attacks that target computer networks and their components A1: Quiz	III Year-CSE-49	QUIZ ACTIVITY	 <p>KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY (An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).</p> <p>Course Code: VCS332 Course Name: Principles of Cyber Security</p> <p>ACTIVITY-1 QUIZ</p> <p>1.)Compromising a user's session for exploiting the user's data and do malicious activities or misuse user's credentials is called _____</p> <p>a) Session Hijacking b) Session Fixation c) Cookie stuffing d) Session Spying</p> <p>2.) Which of this is an example of physical hacking?</p> <p>a) Remote Unauthorised access b) Inserting malware loaded USB to a system c) SQL Injection on SQL vulnerable site d) DDoS (Distributed Denial of Service) attack</p>
Archana Devi.S	VCS332- Principles of Cyber Security	Types of firewall A2: Crossword Puzzle	III Year-CSE-49	TO KEEP THE KEY TERMS IN MEMORY	


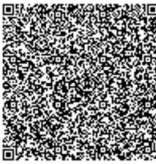
	Archana Devi.S	VCS332-Principles of Cyber Security	international laws and agreements related to cybersecurity A3: Word Search	III Year-CSE-49	TO KEEP THE KEY TERMS IN MEMORY	

						 <p>KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY (An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.G. Chidambaram Nallur - C/Nagamal Campus S.P.G.C. Nagar, K. Vatabalam - 625 701 (Near VIRUDHUNAGAR)</p> <p>DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING 2024 - 2025 [ODD SEMESTER] ACTIVITY-3 WORD SEARCH</p> <p>Year: III CSE Course Code: VCS332 Course Name : Principles of Cyber Security</p> <p>Firewall cross puzzle</p> <p>1. A firewall protects which of the following attacks? a) Phishing b) Dumpster diving c) Denial of Service (DoS) d) Shoulder surfing</p> <p>2. Packet filtering firewalls are deployed on _____. a) routers b) switches c) hubs d) repeaters</p>
10.	S.Athi lakshmi	CS2202 – Object Oriented Programming using JAVA	Find the Missing Code	II-CSE-C	To enhance the programming skill	
	S.Athi lakshmi	CS2202 – Object Oriented Programming using JAVA	Industry certified Course	II-CSE-C	To complete the course and get industry certification from Infosys	 <p> COURSE COMPLETION CERTIFICATE </p> <p>The certificate is awarded to Kumara Vel for successfully completing the course Programming using Java on October 23, 2024</p>  <p>Infosys Springboard</p> <p>Congratulations! You make us proud!</p> <p> Thirumala Arathi Executive Vice President and Global Head Education, Training & Assessment (ETA) Infosys Limited</p>

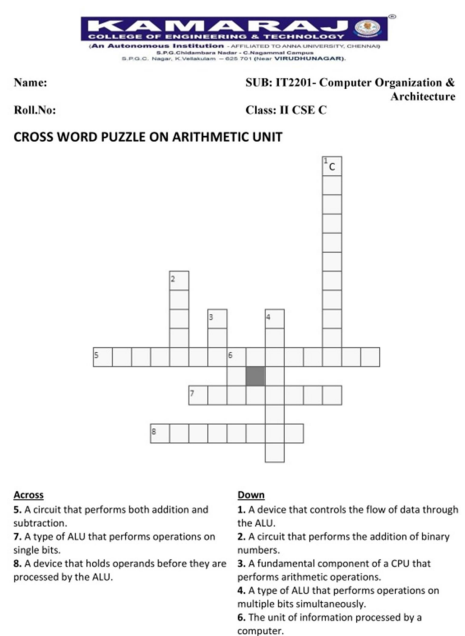
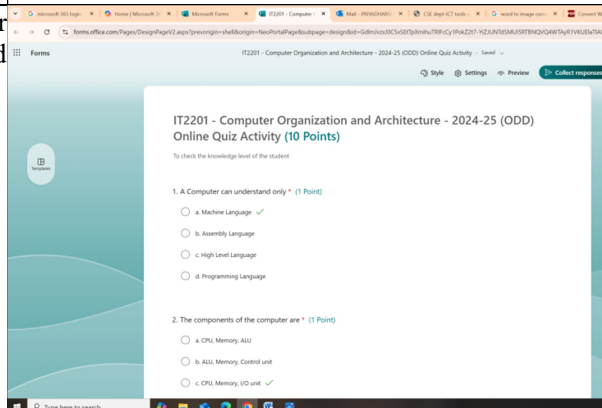
12.	R.Ramya	CS2201 – Data Structures using Python	Word Puzzle	II CSE B - 58	To provide students with an opportunity to evaluate their knowledge and require students to pay attention to terminology as they need to spell each word correctly.	
13.	R.Ramya	CS2201 – Data Structures using Python	Padlet	II CSE B - 58	To provide students with an opportunity to evaluate their knowledge and require students to pay attention to terminology and its definition.	
14.	R.Ramya	CS2201 – Data Structures using Python	Bingo	II CSE B - 58	To provide students with an opportunity to evaluate their knowledge and require students to pay attention to terminology as they need to spell each word correctly.	

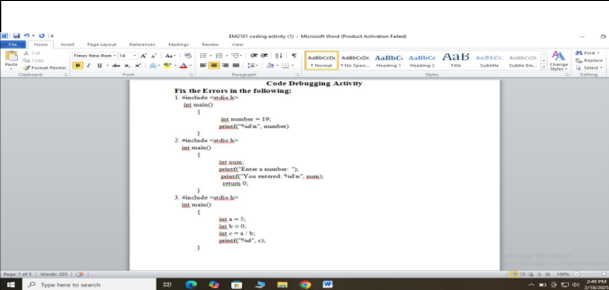
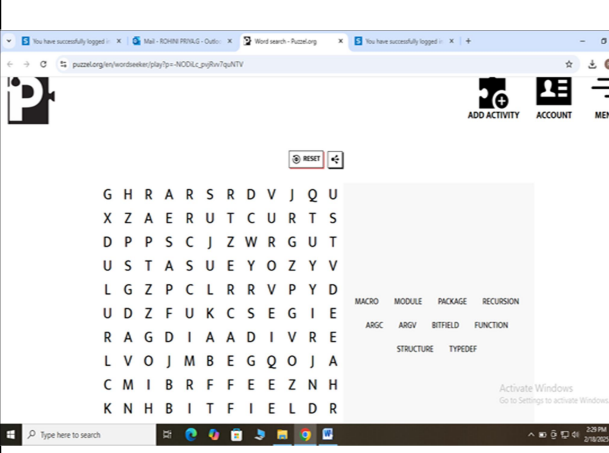
15.	R.Ramya	CS2201 – Data Structures using Python	Cross word Puzzle	II CSE B - 58	To provide students with an opportunity to evaluate their knowledge and require students to pay attention to terminology as they need to spell each word correctly.	
16.	R.Ramya	EM2101 Coding Techniques-I	Crossword Puzzle	I CSE C - 59	To provide students with an opportunity to evaluate their knowledge	
17.	R.Ramya	EM2101 Coding Techniques-I	Word Puzzle	I CSE C - 59	To provide students with an opportunity to evaluate their knowledge	

20	Ms.D.Pradhiba	CS2201 – Data Structures using Python	Cross word Puzzle	II CSE B - 60	To provide students with an opportunity to evaluate their knowledge and require students to pay attention to terminology as they need to spell each word correctly.	<p>4 If there is an edge from any node to any other node in the graph, then the graph is said</p> <p>B.lavanya (23ucs102)</p> 
21	Ms.D.Pradhiba	CS2303- Machine Learning Techniques	Cross word Puzzle	II CSE B - 61	To provide students with an opportunity to evaluate their knowledge and require students to pay attention to terminology as they need to spell each word correctly.	<p>Machine learning</p> 
22	Mr.D.Asir	VCS324 – Full Stack Development	Create a game using JavaScript	III CSE A	Students gain practical coding skills by applying HTML5.CSS and JavaScript to create an interactive game.	

23	Mrs.K.Leelarani	CS2301 – Internet Programming	Kahoot-Quiz	III-CSE-A	It enhances a student’s learning. Also, it makes it fun and interactive, keeping participants engaged and motivated.	<div><div>Introduction to Web Technology Programming</div><table><tr><td>Played on</td><td colspan="3">13 Sep 2024</td></tr><tr><td>Hosted by</td><td colspan="3">leelarani</td></tr><tr><td>Played with</td><td colspan="3">23 players</td></tr><tr><td>Played</td><td colspan="3">17 of 17</td></tr></table><div>Overall Performance</div><table><tr><td>Total correct answers (%)</td><td colspan="3">80.05%</td></tr><tr><td>Total incorrect answers (%)</td><td colspan="3">19.95%</td></tr><tr><td>Average score (points)</td><td colspan="3">13608.70 points</td></tr></table><div>Feedback</div><table><tr><td>Number of responses</td><td colspan="3">0</td></tr><tr><td>How fun was it? (out of 5)</td><td colspan="3">0.00 out of 5</td></tr><tr><td>Did you learn something?</td><td>0.00% Yes</td><td colspan="2">0.00% No</td></tr><tr><td>Do you recommend it?</td><td>0.00% Yes</td><td colspan="2">0.00% No</td></tr><tr><td>How did you feel?</td><td>in 00% Dislike</td><td colspan="2">in 00% Neutral</td></tr></table></div>	Played on	13 Sep 2024			Hosted by	leelarani			Played with	23 players			Played	17 of 17			Total correct answers (%)	80.05%			Total incorrect answers (%)	19.95%			Average score (points)	13608.70 points			Number of responses	0			How fun was it? (out of 5)	0.00 out of 5			Did you learn something?	0.00% Yes	0.00% No		Do you recommend it?	0.00% Yes	0.00% No		How did you feel?	in 00% Dislike	in 00% Neutral	
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Do you recommend it?	0.00% Yes	0.00% No																																																				
How did you feel?	in 00% Dislike	in 00% Neutral																																																				
		CS2202 – Object Oriented Programming using JAVA	Industry certified Course	II-CSE-A	To complete the course and get industry certification from Infosys	<div><div> Navigate your next</div><div> COURSE COMPLETION CERTIFICATE </div><div>The certificate is awarded to Rakesh M for successfully completing the course Programming using Java on October 23, 2024</div><div><div>Infosys Springboard Congratulatory! You make us proud!</div></div><div><small>Issued on: Wednesday, October 23, 2024 To verify, scan the QR code at https://verify.com/Infosys.com</small></div></div>																																																

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24	Mrs.K.Priyadharshini	IT2201 – Computer Organization and Architecture	Cross word Puzzle	II CSE C	To provide students with an opportunity to evaluate their knowledge	
25	Mrs.K.Priyadharshini	IT2201 – Computer Organization and Architecture	Online Quiz	II CSE C	To test their understanding memory capacity and	

26	Mrs.K.Priyadharshini	EM2101 Coding Technique	Code Debugging Activity	I Year- 60	To keep the key terms in memory easily	
27	Mrs.K.Priyadharshini	EM2101 Coding Techniques-I	Crossword puzzle	I Year- 60	To keep the key terms in memory easily	
28	Mrs.K.Priyadharshini	EM2101 Coding Techniques-I	Fill in the gap Activity	I Year- 60	To keep the key terms in memory easily	