Grand Quiz Spring 2021
Subject Code CS101 lecture 1 to 22
Solved By Riz Mughal

Dear Viewers:

I'm providing 100% correct quiz solution. You can visit my YouTube channel and get more information about all other subjects' quizzes and final year project (CS619).

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https://www.facebook.com/groups/923887914750307

https://www.youtube.com/channel/UCINsFwDiB62SValCcPDZbRQ/playlists

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Google Drive is an example of _____.

Select the correct option

○	Grid and Cluster Computing
○	Cluster Computing
●	Cloud Computing
○	Grid Computing

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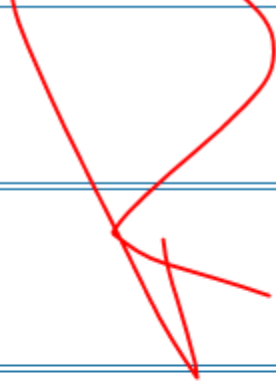
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How many comparisons are required to sort the elements using insertion sort algorithm?

13, 10, 9, 6, 33, 100

Select the correct option

- ○ 3
- ○ 9
- ○ 7
- ● 5

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Which one of the following is correct for the symbolic representation of Primitives?

Select the correct option

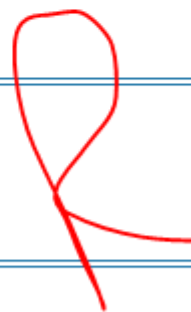| ●	Semantic
○	Systematic
○	Abstract
○	Syntax

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Question # 4 of 30 (Start time: 09:17:56 AM, 01 July 2021)

An algorithm is _____ and distinct from its representation.

Select the correct option

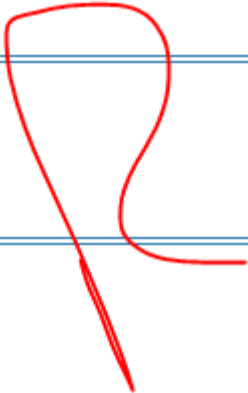|	
●	Abstract
○	Vision
○	Visual
○	Clear

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Question # 5 of 30 (Start time: 09:18:25 AM, 01 July 2021)

_____connects computer over a large geographical area or world

Select the correct option

○ LAN

○ MAN

● WAN

○ PAN

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Question # 6 of 30 (Start time: 09:18:40 AM, 01 July 2021)

In Computer, GUI stands for _____

Select the correct option

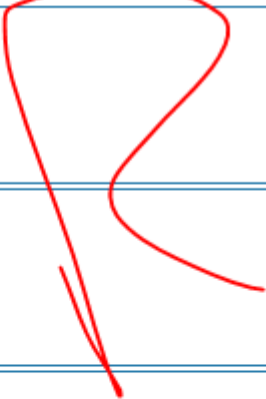|	
○	general user interrupt
○	grayed user interface
●	graphical user interface
○	graphical utility icon

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Pseudo code is language _____.

Select the correct option

○ Algorithm

● Independent

○ Dependent

○ Sequence

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Question # 8 of 30 (Start time: 09:19:10 AM, 01 July 2021)

You might search the followings or similar thing and might get unpleasant results which might depress you.

Select the correct option

○	Stomach condition
○	Study
○	Teaching
●	Skin Condition

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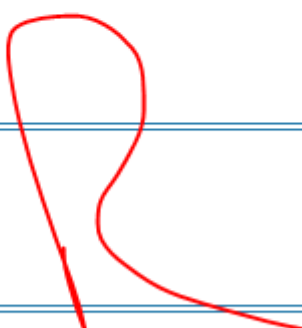
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A single algorithm can be represented in _____ way(s).

Select the correct option

- ○ Single
- ○ Malicious
- ○ Modern
- ● Many

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Question # 10 of 30 (Start time: 09:19:39 AM, 01 July 2021)

The _____ in the state of the process must be sufficient to determine uniquely and completely the actions required by each step.

Select the correct option

○	Data
○	Instructions
○	Program
●	Information

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Question # 11 of 30 (Start time: 09:19:54 AM, 01 July 2021)

We need _____ memory to store data permanently.

Select the correct option

○	Volatile
○	DRAM
○	RAM
●	Non-Volatile

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Which one of the following is true about a process?
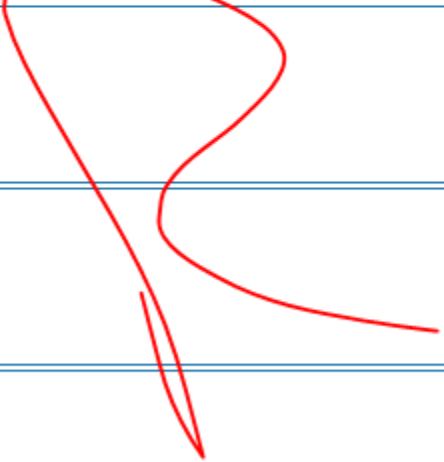
Select the correct option

- ○ Activity of executing an algorithm
- ● Activity of executing a program
- ○ Abstract representation of machine
- ○ Activity of representing pseudo code

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Question # 13 of 30 (Start time: 09:20:26 AM, 01 July 2021)

One of the major uses of the ____ operation is to place zeros in one part of a bit pattern while not disturbing the other part.
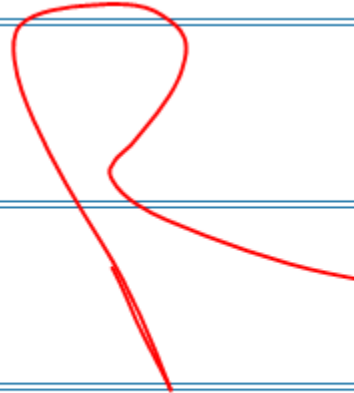
Select the correct option

- ○ XOR
- ○ NOR
- ● AND
- ○ OR

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Which of the following is true about TCP in comparison to UDP?

Select the correct option

○ Less reliable but more efficient

○ More reliable and more efficient

● More reliable but less efficient

○ Less reliable and less efficient

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In 2's complement notation, the maximum positive number is represented by _____.

Select the correct option
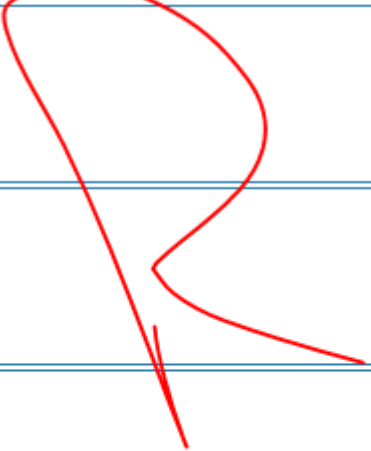
○ All 1's

● A single '0' followed by all 1's

○ A single '1' followed by all 0's

○ All 0's

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Question # 16 of 30 (Start time: 09:21:19 AM, 01 July 2021)

_____provides a network the internet connectivity

Select the correct option

○	Hub
○	Node
●	Gateway
○	Repeater

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Telnet is used to _____ between two systems.

Select the correct option

- ○ Establish a secure remote connection
- ○ Securely share information
- ● Establish a remote connection
- ○ Securely transfer files

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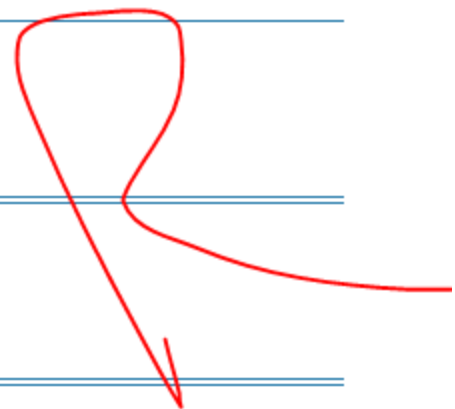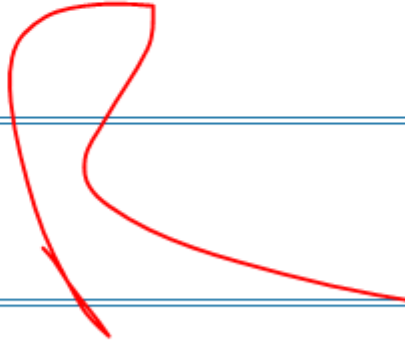
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One term could be used for more than one thing. For example word "Jaguar" is used in two meanings such as:

Select the correct option

○ Car and Cat

○ Car and bus

● Animal and car

○ Car and helicopter

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_____determines the number of bits to move radix point to either left or right.

Select the correct option
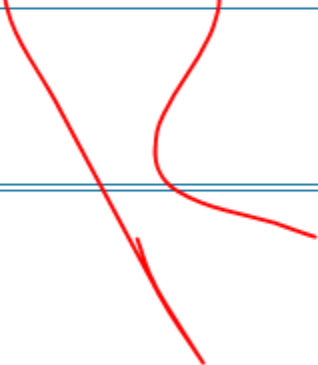
- ⦿ Exponent field
- ◯ Significant bit
- ◯ Sign bit
- ◯ Mantissa field

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Breaking the tasks into a number of subtasks compatible with the number of available processors is called _____

Select the correct option

○	Interactive Processing
●	Scaling
○	Throughput
○	Load Balancing

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Question # 21 of 30 (Start time: 09:22:31 AM, 01 July 2021)

_____ is a malware which gathers data about your activities on the system and forwards it to the outside party without your consent.

Select the correct option

○	Worms
●	Spyware
○	Virus
	Trojan Horses

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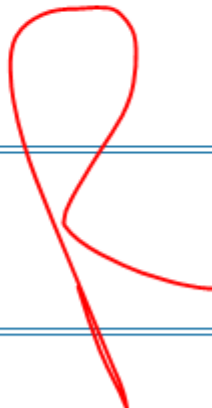
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Post test loop structure refer to?

Select the correct option
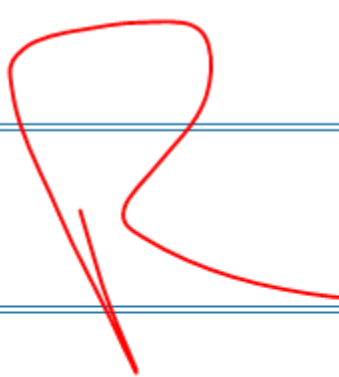
○ Test for termination is performed before the body is executed

○ Test for termination is performed as well as the body is executed

● Test for termination is performed after the body is executed

○ Test for termination is performed with the body is executed

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Starting with vocabulary words and then giving students a reading passage is an example of:
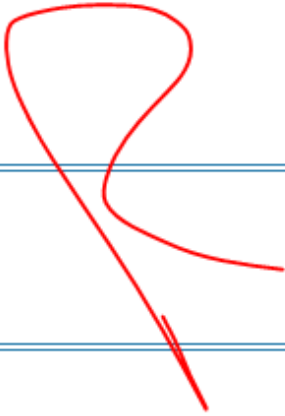
Select the correct option

- A top-down approach

- A cron-up approach

- ● A bottom-up approach

- A Pop-up approach

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Question # 24 of 30 (Start time: 09:23:18 AM, 01 July 2021)

_____ refers to distributed systems that are more loosely coupled than clusters but that still work together to accomplish large tasks.

Select the correct option

○ Cloud Computing

○ Parallel Computing

○ Quantum Computing

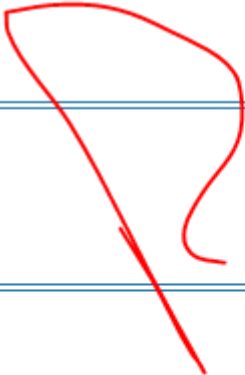● Grid Computing

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Question # 25 of 30 (Start time: 09:23:34 AM, 01 July 2021)

Capacity of one sector of CD is of _____ KB.

Select the correct option

●	2
○	4
○	1
○	3

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A _____ transport layer is said to establish a connection before sending a message.

Select the correct option

○ HTTP

○ SMTP

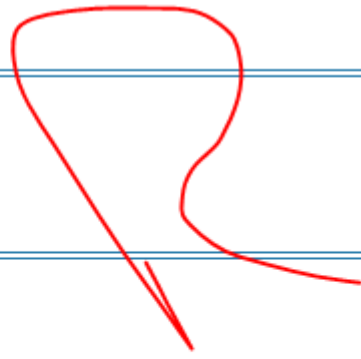● TCP

UDP

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Question # 27 of 30 (Start time: 09:24:09 AM, 01 July 2021)

A sequence of transactions in which the user establishes initial contact with a computer's operating system is called____?

Select the correct option

○ Logout

○ Process

○ Boot state

● Login

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Most _____ codes used today are Huffman codes.

Select the correct option

○	Differential
○	Relative
●	Frequency-dependent
○	Run-length

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Question # 29 of 30 (Start time: 09:24:39 AM, 01 July 2021)

_____ contains the information needed by a browser to contact the proper server and request the desired document.
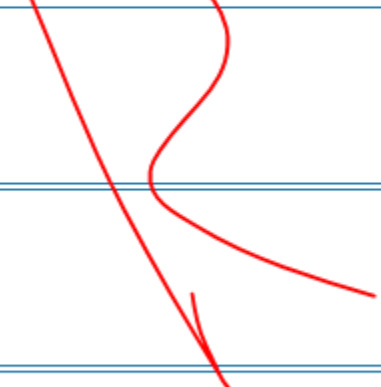
Select the correct option

○	TCP
○	UDP
○	SMTP
●	URL

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Question # 30 of 30 (Start time: 09:24:55 AM, 01 July 2021)

In black and white images, each pixel is represented as one bit - e.g., 0 for black and 1 for white. It is an example of _____

Select the correct option

	Matrix
O	

	Email
O	

	Facsimile
●	

	Searching
O	

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Thank you for watching

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