



CS101

QUIZ#3

FINAL TERM

FALL 2024

BY

BUTTERCUP

FOR LMS HANDLING

CONTACT

0324-9427076

Question # 4 of 10 (Start time: 12:00:12 PM, 30 December 2024)

_____phase of the Software Life Cycle tends to provide solution for the problem.

Select the correct option

Relo

BUTTERCUP

- Implementation
- Testing
- Analysis
- Design

Click to Save Answer & Move t



Question # 9 of 10 (start time: 12:05:37 PM, 30 December 2024)

Tot

What distinguishes the declarative paradigm from the imperative paradigm in programming?

Select the correct option

Reload Math E

- The use of pre-established algorithms
- Describing algorithms for problem-solving
- Developing precise statements of problems
- The emphasis on procedural programming

BUTTERCUP



Question # 10 of 10 (start time: 12:06:12 PM, 30 December 2024)

Total M

A private key is used to _____ messages.

Select the correct option

- Encrypt
- Send
- Decrypt
- Receive

BUTTERCUP

Question # 8 of 10 (start time: 12:04:08 PM, 30 December 2024)

Total M

In the Ada programming language, what is the equivalent term for an "activation" in the context of concurrent processing?

Select the correct option

[Reload Math Equat](#)

- | | |
|----------------------------------|-----------|
| <input type="radio"/> | Process |
| <input checked="" type="radio"/> | Task |
| <input type="radio"/> | Function |
| <input type="radio"/> | Operation |

[Click to Save Answer & Move to Next Questi](#)

Question # 7 of 10 (start time: 12:03:25 PM, 30 December 2024)

Tr

How does a proxy server shield the client from adverse actions of the server?

Select the correct option

[Reload Math](#)

- | | |
|----------------------------------|---------------------------------------------------------------|
| <input type="radio"/> | By learning about the client's internal structure |
| <input checked="" type="radio"/> | By relaying messages back and forth between client and server |
| <input type="radio"/> | By blocking all incoming traffic |
| <input type="radio"/> | By exposing the client's existence to the server |

[Click to Save Answer & Move to Next C](#)

Question # 5 of 10 (Start time: 12:01:49 PM, 30 December 2024)

In modern computer applications, problems are more easily solved in the context of:

Select the correct option

- | | |
|----------------------------------|------------------------|
| <input type="radio"/> | Technology |
| <input type="radio"/> | Traditional context |
| <input type="radio"/> | Traditional processing |
| <input checked="" type="radio"/> | Parallel processing |

[Click to Save Answer & Move to Next Question](#)

Question # 6 of 10 (Start time: 12:02:40 PM, 30 December 2024)

Which mathematician presented loosely defined problem-solving phases in 1945?

Select the correct option

Reload

- G. Palmer
- G. Pascal
- G. Pollock
- G. Polya

BUTTERCUP

Question # 2 of 10 (Start time: 11:57:59 AM, 30 December 2024)

Total Marks

_____ is a form of VoIP service, which consists of such devices that allow a user to connect his or her traditional telephone to phone service provided by an access ISP.

Select the correct option

- Analog telephone adapters
- Embedded VoIP phones
- Soft phones
- Wireless VoIP technology of Smartphone

BUTTERCUP

Question # 3 of 10 (Start time: 11:59:33 AM, 30 December 2024)

Total

Which one of the following is the traditional approach of programming process?

Select the correct option

- | | |
|----------------------------------|--------------------------|
| <input checked="" type="radio"/> | Imperative Paradigm |
| <input type="radio"/> | Functional paradigm |
| <input type="radio"/> | Object oriented paradigm |
| <input type="radio"/> | Declarative paradigm |

BUTTERCUP

Click to Save Answer & Move to Next Ques

Question # 1 of 10 (Start time: 11:56:54 AM, 30 December 2024)

The efficiency of _____ makes it the protocol of choice for DNS lookups and VoIP.

Select the correct option

- | | |
|----------------------------------|------|
| <input checked="" type="radio"/> | UDP |
| <input type="radio"/> | SMTP |
| <input type="radio"/> | HTTP |
| <input type="radio"/> | TCP |

Click to Save Answer & Move to

BUTTERCUP

CS101 - Introduction to Computing (Semester Quiz # 03)

Question # 10 of 10 (**start time: 03:28:32 PM, 30 December 2024**)

The browser use information which is provided by the _____.

Select the correct option

<input checked="" type="radio"/>	URL
<input type="radio"/>	WWW
<input type="radio"/>	Host link
<input type="radio"/>	Google

Question # 3 of 10 (Start time: 03:23:37 PM, 30 December 2024)

A process which is used by the software industry to design, develop and test high quality software is known as:

Select the correct option

- | | |
|----------------------------------|---------------------|
| <input type="radio"/> | Development manual |
| <input checked="" type="radio"/> | Software life cycle |
| <input type="radio"/> | Testing process |
| <input type="radio"/> | Software |

Click to Save Answer & Move to Next Question

BUTTERCUP

Question # 5 of 10 (Start time: 03:24:43 PM, 30 December 2024)

The modular approach of programming refers to combined_____ of the software system.

Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Array |
| <input type="radio"/> | Data Structure |
| <input checked="" type="radio"/> | Component |
| <input type="radio"/> | Variable |

Question # 8 of 10 (Start time: 03:26:37 PM, 30 December 2024)

Total Marks: 1

What does the imperative paradigm, also known as the procedural paradigm, represent in the programming process?

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|-------------------------------------|
| <input type="radio"/> | Functional programming approach |
| <input checked="" type="radio"/> | Traditional approach to programming |
| <input type="radio"/> | Object-oriented approach |
| <input type="radio"/> | Linear scale development |

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 10 (Start time: 03:21:40 PM, 30 December 2024)

Which of the following protocols is not involved in the exchange of email messages between email servers and clients?

Select the correct option

Reload M

<input type="radio"/>	POP3
<input type="radio"/>	IMAP
<input checked="" type="radio"/>	MIME
<input type="radio"/>	SMTP

BUTTERCUP

Question # 9 of 10 (Start time: 03:27:24 PM, 30 December 2024)

What is the primary purpose of the pseudocode unit represented by the statement `*def name():?`

Select the correct option

<input type="radio"/>	To request the services of other units
<input type="radio"/>	To define a loop structure
<input type="radio"/>	To announce the title of the program unit
<input type="radio"/>	To print a message

BUTTERCUP



Question # 6 of 10 (**start time: 03:25:13 PM, 30 December 2024**)

How does the multicast differ from N-unicast in handling data distribution?

Select the correct option

- | | |
|-----------------------|-----------------------------------------------------------|
| <input type="radio"/> | It relies on server-to-client real-time messages |
| <input type="radio"/> | It involves one sender and one receiver |
| <input type="radio"/> | It involves direct communication between peers |
| <input type="radio"/> | It transfers the distribution problem to Internet routers |

BUTTERCUP



Click

Question # 2 of 10 (Start time: 03:22:29 PM, 30 December 2024)

In the given example, what does the loop do?

```
while (pH level > 4):
```

```
    add a drop of sulfuric acid
```

▶ Select the correct option

- | | |
|----------------------------------|--------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Adds a drop of sulfuric acid if the pH level is greater than 4. |
| <input type="radio"/> | Adds a drop of sulfuric acid only once. |
| <input type="radio"/> | Adds a drop of sulfuric acid regardless of the pH level. |
| <input type="radio"/> | Adds a drop of sulfuric acid if the pH level is less than or equal to 4. |

BUTTERCUP

Question # 2 of 10 (Start time: 09:01:02 PM, 30 December 2024)

Which protocol is commonly dedicated to copying files across the network?

Select the correct option

- | | |
|----------------------------------|--------|
| <input type="radio"/> | SMTP |
| <input checked="" type="radio"/> | FTP |
| <input type="radio"/> | SSH |
| <input type="radio"/> | Telnet |

Click to Save Answer & Move

BUTTERCUP

Question # 1 of 10 (Start time: 09:00:09 PM, 30 December 2024)

Which of the following are used for retrieving emails from a mail server to a client?

- A. SMTP B. IMAP C. MIME D. POP3

Select the correct option

<input checked="" type="radio"/>	B and D
<input type="radio"/>	A, B and D
<input type="radio"/>	A and C
<input type="radio"/>	All of the given

Click to S

Question # 8 of 10 (start time: 11:18:06 AM, 30 December 2024)

Total Marks: 1

..... Provides a means of refining prefabricated object definition in order to customize definitions to conform to the needs of specific application.

Select the correct option

 Reload Math Equations

<input type="radio"/>	Parsing
<input type="radio"/>	Cohesion
<input checked="" type="radio"/>	Inheritance
<input type="radio"/>	Coupling

Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 11:16:19 AM, 30 December 2024)

What is the alternative term for the "while loop structure" in the context of iterative structures?

Select the correct option

<input checked="" type="radio"/>	Pretest
<input type="radio"/>	Loop test
<input type="radio"/>	Posttest
<input type="radio"/>	Iteration check

Click to Save A

BUTTERCUP

CS101 - Introduction to Computing (Semester Quiz # 03)

Question # 2 of 10 (Start time: 11:14:30 AM, 30 December 2024)

What does the modification step in loop control accomplish?

Select the correct option

<input type="radio"/>	Compares the current state to the termination condition
<input type="radio"/>	Terminates the loop
<input type="radio"/>	Establishes a starting condition
<input checked="" type="radio"/>	Moves the condition toward the termination condition

BUTTERCUP

CS101 - Introduction to Computing (Semester Quiz # 03)

Question # 3 of 10 (**Start time: 11:15:10 AM, 30 December 2024**)

Which of the following is correct for incremental model?

Select the correct option

<input type="radio"/>	Development completes in maximum four increments
<input type="radio"/>	1st increment is the complex version
<input checked="" type="radio"/>	1st increment is the simplified version
<input type="radio"/>	All increments are created at once

BUTTERCUP

Question # 4 of 10 (Start time: 11:15:45 AM, 30 December 2024)

Which term is commonly used for a loop where the termination test is performed before the body is executed?

Select the correct option

Reload

- | | |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | Pretest loop |
| <input type="radio"/> | Prerequisite loop |
| <input type="radio"/> | Preliminary loop |
| <input type="radio"/> | Precondition loop |

Question # 6 of 10 (Start time: 11:16:50 AM, 30 December 2024)

What does it mean for an algorithm to be "unambiguous," according to the formal definition of computer algorithms?

Select the correct option

Reload

- | | |
|----------------------------------|-------------------------------------------------------|
| <input type="radio"/> | It involves parallel processing. |
| <input type="radio"/> | It can be executed by any computer. |
| <input type="radio"/> | The steps have multiple interpretations. |
| <input checked="" type="radio"/> | The steps are clear and have a unique interpretation. |

Question # 3 of 10 (Start time: 07:20:17 PM, 31 December 2024)

Which kind of server works as an intermediate between the client and server.

Select the correct option

- | | |
|----------------------------------|-----------------|
| <input type="radio"/> | Super server |
| <input type="radio"/> | Server computer |
| <input checked="" type="radio"/> | Proxy server |
| <input type="radio"/> | Client server |

Click

CS101 - Introduction to Computing (Semester Quiz # 03)

Question # 7 of 10 (**start time: 11:17:29 AM, 30 December 2024**)

What is the role of certificate authorities in public-key encryption?

Select the correct option

<input type="radio"/>	To maintain accurate lists of parties and their public keys
<input checked="" type="radio"/>	To sign digital certificates
<input type="radio"/>	To decrypt messages
<input type="radio"/>	To encrypt messages

BUTTERCUP

Question # 9 of 10 (start time: 11:18:39 AM, 30 December 2024)

How does the termination condition relate to the while statement in pseudocode?

Select the correct option

- | | |
|----------------------------------|----------------------------------------------------------------------|
| <input type="radio"/> | It is the condition for modifying the loop |
| <input checked="" type="radio"/> | It is the negation of the condition appearing in the while structure |
| <input type="radio"/> | It is the condition for initializing the loop |
| <input type="radio"/> | It is the condition for executing the loop body |

Question # 10 of 10 (start time: 11:19:31 AM, 30 December 2024)

Total Marks:

The repetitive use of an instruction or sequence of instructions is an important algorithmic concept. One method of implementing such repetition is the iterative structure known as the _____.

Select the correct option

- | | |
|----------------------------------|-----------|
| <input type="radio"/> | Condition |
| <input type="radio"/> | If else |
| <input type="radio"/> | Class |
| <input checked="" type="radio"/> | Loop |



Question # 5 of 10 (Start time: 07:22:07 PM, 31 December 2024)

What is the primary goal when sorting a list of names using the insertion sort algorithm?

Select the correct option

Reload

- Create extra space for adding new names in the list
- Move the list to another location
- Create a copy of the list for sorting
- Shuffle entries to sort the list within itself

BUTTERCUP

Click to Save Answer & Move to



Question # 9 of 10 (Start time: 07:25:58 PM, 31 December 2024)

What is the purpose of a copyright or patent?

Select the correct option

- | | |
|----------------------------------|---------------------------------|
| <input type="radio"/> | To restrict the use of products |
| <input type="radio"/> | To promote competition |
| <input checked="" type="radio"/> | To protect ownership rights |
| <input type="radio"/> | To generate profits |

Click to see

BUTTERCUP

Question # 4 of 10 (Start time: 07:21:07 PM, 31 December 2024)

What property is crucial for pseudocode to serve its purpose in expressing algorithms?

Select the correct option

<input type="radio"/>	Aesthetic appeal
<input type="radio"/>	Familiarity with programming languages
<input checked="" type="radio"/>	Consistent, concise notation for recurring semantic structures
<input type="radio"/>	Complicated notation

[Click to See](#)

BUTTERCUP

Question # 7 of 10 (Start time: 07:23:54 PM, 31 December 2024)

What is the main characteristic of public-key encryption systems?

Select the correct option

- | | |
|----------------------------------|--------------------------------------------------------------------------|
| <input type="radio"/> | The use of any random key for encryption and the same key for decryption |
| <input checked="" type="radio"/> | The use of two keys for encryption and decryption |
| <input type="radio"/> | Knowledge of encryption allows decryption |
| <input type="radio"/> | The use of a single key for encryption and decryption |

BUTTERCUP

Click to Save Answer

Question # 6 of 10 (Start time: 07:22:59 PM, 31 December 2024)

When a packet reaches at the intermediate stop, the network layer:

Select the correct option

- | | |
|----------------------------------|-------------------------------------------------------------------------------|
| <input type="radio"/> | Hands the packet to transport layer rather than forwarding it |
| <input checked="" type="radio"/> | Forwards it to the Link layer after determining the direction of the next hop |
| <input type="radio"/> | Discards the packet considering it irrelevant |
| <input type="radio"/> | Forwards it to all the recognized networks |

BUTTERCUP

Question # 8 of 10 (Start time: 07:24:42 PM, 31 December 2024)

What is the ultimate goal when sorting a list within itself using the insertion sort algorithm?

Select the correct option

- | | |
|----------------------------------|----------------------------------------------------|
| <input checked="" type="radio"/> | Efficient use of storage space |
| <input type="radio"/> | Efficient use of time to sort a list in quick time |
| <input type="radio"/> | Clearing off space |
| <input type="radio"/> | Shuffling entries |

Click to Save Answer

Question # 10 of 10 (Start time: 07:26:33 PM, 31 December 2024)

In the provided pseudo-code, what is the role of the "Current" variable?

```
def FindMax():  
    max = first number in the list  
    Current = second number in the list  
    While (elements in the list exist)  
        If (max < current)  
            max = current  
        Current = next value in the list
```

Select the correct option

Reload

- It represents the minimum value in the list
- It holds the maximum value in the list
- It stores the current value being compared
- It indicates the position of the current element in the list

Click to Save Answer & Move to

BUTTERCUP



Virtual University

CS101

QUIZ#3

FINAL TERM

FALL 2024

BY

BUTTERCUP

FOR LMS HANDLING

CONTACT

0324-9427076