

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Cs_201

Introduction to Programming

Quiz No.2 Fall 2022

Full Solution

Total Marks: 10

Due date: 14/12/2022



***"Don't Stop When you Tired,
Stop When you Done"***

0304-4756496

MUHAMMAD ZAMAN 😊

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The screenshot shows a web browser window with the address bar displaying `https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=f4ba398b-93f1-49f4-8341-74fe1fd0f...`. The page title is "Quiz". The main content area displays "Question # 1 of 10 (Start time: 07:24:44 PM, 14 December 2022)" and "Total Marks: 1". The question text is: "Find out the logical error in following lines of code. If (x = 10) cout << "x is 10";". Below the question, there is a section titled "Select the correct option" with four radio button options: "Assignment operator should not be used for comparison", "There is no semicolon at the end of if condition", "Variable x should not be inside parenthesis", and "10 should be enclosed in quotations". A blue button at the bottom right of the question area says "Click to Save Answer & Move to Next Question". The Windows taskbar at the bottom shows the search bar, task view, and several open applications including File Explorer, Edge, and Word. The system clock indicates 7:25 PM on 12/14/2022.

Quiz

If (x = 10)cout << "x is 10"; - Se...

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=f4ba398b-93f1-49f4-8341-74fe1fd0f...

Question # 1 of 10 (Start time: 07:24:44 PM, 14 December 2022) Total Marks: 1

Find out the logical error in following lines of code.
If (x = 10)
cout << "x is 10";

Select the correct option

- ☒ Assignment operator should not be used for comparison
- ☐ There is no semicolon at the end of if condition
- ☐ Variable x should not be inside parenthesis
- ☐ 10 should be enclosed in quotations

Click to Save Answer & Move to Next Question

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7:25 PM
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Quiz

Comments are written to explain

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=2f76fe66-28ad-410f-8709-99ba34696bdf

Question # 2 of 10 (Start time: 07:26:15 PM, 14 December 2022) Total Marks: 1

Comments are written to explain the _____ of programs.

Select the correct option

☐	Consistency
☐	Performance
☐	Reliability
☒	Functionality

Click to Save Answer & Move to Next Question

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Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=03a53ccf-b4bf-4af9-90bd-0833bc4814da

Question # 3 of 10 (Start time: 07:27:47 PM, 14 December 2022) Total Marks: 1

If $x = 9$; then the expression $x \% = 2$; will calculate the value of x as _____.

Select the correct option

☐	4
☒	1
☐	3
☐	2

Click to Save Answer & Move to Next Question

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Quiz

What is the output of the followi x What is the output of the followi x +

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=d550764f-1627-42cc-8597-539ef2fb...

Question # 4 of 10 (Start time: 07:29:29 PM, 14 December 2022) **Total Marks: 1**

What is the output of the following code?

```
for (int i = 5; i <= 5; i++) {  
    cout << i++;  
    cout << i;  
}
```

Select the correct option

☒	55
☐	56
☐	65
☐	13

Click to Save Answer & Move to Next Question

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Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=e78dfbe8-de11-4584-b4dd-771da44ce5cf

Question # 5 of 10 (Start time: 07:31:25 PM, 14 December 2022) Total Marks: 1

The structure, which can execute zero or more times is called _____.

Select the correct option

☐	For structure
☐	Do-While structure
☒	While structure
☐	None of the above

Click to Save Answer & Move to Next Question

Type here to search

7:32 PM 12/14/2022

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The screenshot shows a web browser window with the address bar displaying `https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=cf2cec4c-2149-4d48-bcec-e0ea86bf4146`. The page title is "Quiz" and the search bar contains "For the following given function". The question is labeled "Question # 6 of 10 (Start time: 07:32:16 PM, 14 December 2022)" and has "Total Marks: 1". The question text is: "For the following given function prototype, `int add (int *);` which one of the given function calls is 'call by reference'?". Below the question, there is a section titled "Select the correct option" with four radio button options: `add(*x);`, `add(x);`, `add(int x);`, and `add(&x);`. The fourth option, `add(&x);`, is selected. At the bottom of the question area, there is a blue button that says "Click to Save Answer & Move to Next Question". The Windows taskbar is visible at the bottom, showing the search bar, taskbar icons, and system tray with the time 7:33 PM and date 12/14/2022.

Question # 6 of 10 (Start time: 07:32:16 PM, 14 December 2022) Total Marks: 1

For the following given function prototype,
`int add (int *);`
which one of the given function calls is "call by reference"?

Select the correct option

- ☐ `add(*x);`
- ☐ `add(x);`
- ☐ `add(int x);`
- ☒ `add(&x);`

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

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Quiz Identify the logical error in the following if condition

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=6c991cac-b2c5-410b-91c1-6ae8557b615d

Question # 7 of 10 (Start time: 07:33:55 PM, 14 December 2022) Total Marks: 1

Identify the logical error in the following if condition
If $((i < 5) \&\& (i > 15))$

Select the correct option

☒	Condition is always false
☐	& will be used instead of &&
☐	&& cannot be used with if condition
☐	Condition is always true

Click to Save Answer & Move to Next Question

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Quiz Which of the following loops checks the test condition at the end of the loop? x +

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=500bbe7a-fa25-4921-a88c-e01ee958c442

Question # 8 of 10 (Start time: 07:34:37 PM, 14 December 2022) Total Marks: 1

Which of the following loops checks the test condition at the end of the loop?

Select the correct option

☒	Do-While
☐	Nested Loop
☐	While
☐	For

Click to Save Answer & Move to Next Question

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Quiz

What is the correct syntax of an array declaration; of double data type, for size 10 and initialized to value 0?

Which is correct declaration of an array?

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=4ee8c645-3b31-4dc8-96df-a8109b9be2b3

Question # 9 of 10 (Start time: 07:34:47 PM, 14 December 2022) Total Marks: 1

What is the correct syntax of an array declaration; of double data type, for size 10 and initialized to value 0?

Select the correct option

☐ double arr[] = 0.0;

☐ double arr[10] = {0.0};

☒ arr[10] = {0.0};

☐ double arr[10]= 0.0;

Click to Save Answer & Move to Next Question

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Quiz

assign operator sign - Search

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=b0930d20-5cb9-4464-8dec-442e320e387d

Question # 10 of 10 (Start time: 07:36:23 PM, 14 December 2022) Total Marks: 1

Which of the following is the correct way to write a compound assignment operator?

Select the correct option

☐	None of the above
☒	$x += 4;$
☐	$x + = 4;$
☐	$x + == 4;$

Click to Save Answer & Move to Next Question

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JazakAllaH

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