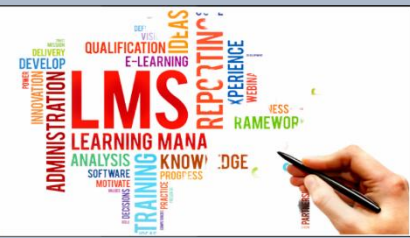




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CS201p Quiz File

Jun 05, 2023 12:00 AM

1) Which of the following is the first step in FOR loop?

Select the correct option

- A. Termination condition
- B. Incrementing condition
- C. Continuation condition
- D. Initialization condition

2) Which of the following expression is correct in C/C++ language?

Select the correct option

- A.  $Y + X = 7$
- B.  $3 = X + 3$
- C.  $X = X + 3$
- D.  $X + 5 = Y + 7$

3) What will be the output of the following piece of code?

```
int square(int number)
```

```
{  
int result = 0;  
result = number * number;  
return result;  
}
```

```
int main()
```

```
{
```

```
cout<<square(9);
```

}

Select the correct option

- A. 99
- B. 99
- C. 49
- D. 81

4) In C++, cout is known as \_\_\_\_\_.

Select the correct option

- A. input stream
- B. output stream
- C. file stream
- D. error stream

5) Which of the following is an example of logical operator?

Select the correct option

- A. /,%
- B. +,\*
- C. &&,||
- D. <,>

6) While programming in C++, the statement if (x = 3), will result into a \_\_\_\_\_.

Select the correct option

- A. Linker Error
- B. Syntax Error
- C. Runtime Error
- D. Logical Error

7) Learning “how to program” is important, because it develops \_\_\_\_\_ and problem-solving abilities.

Select the correct option

- A. Listening
- B. Reading
- C. Writing
- D. Analytical

8) Which of the following structure is correct for WHILE loop?

Select the correct option

- A. While (condition)
- B. While (start; condition; end)
- C. While (condition; end)
- D. While (start; condition)

9) What will be the output of the following code?

```
int i = 0;

while(i!=15){

    cout << i << " ";

    i = i + 5;

}
```

Select the correct option

- A. 1 5 10
- B. 5 10
- C. 0 5
- D. 0 5 10

10) What will be the output of the following code?

```
int i = 1;

while(i<10){

    if (i / 2 == 2)

        cout << i << " ";

    i++;

}
```

Select the correct option

- A. 2 4
- B. 6 7
- C. 4 5
- D. 2 3

a. What will be the output of the following code?

```
int i = 0;

while(i!=15){

    cout << i << " ";

    i = i + 5;

}
```

Select the correct option

- A. 1 5 10
- B. 0 5 10
- C. 5 10
- D. 0 5

- b. Which of the following is an example of repetition structure?
- c. Select the correct option

if  
cond  
if-else  
while

- d. Suppose we have an integer variable named “num” with 4567 as its value, then what will be the resulting value for the expression “num/100”?

Select the correct option

- A. 4
- B. 45
- C. 456.7
- D. 456

- e. What will be the output of the following code?

```
int i = 1;

while(i<10){

    if (i % 2 == 0)

        cout << i << “ ”;

    i++;

}
```

Select the correct option

- A. 2 4 8 10
- B. 2 4 6 10
- C. 1 3 5 7
- D. 2 4 6 8

## 2) Which of the following structure is correct for WHILE loop?

Select the correct option

- A. While (condition)
- B. While (condition; end)
- C. While (start; condition)
- D. While (start; condition; end)

3) In C++, which of the following option has the correct meaning of the expression “a <= b” ?

Select the correct option

- A. a is less than or equal to b
- B. a is greater than or equal to b
- C. a is less than b
- D. a is greater than b

4) What will be the output of the following code?

```
int x = 15;  
int y = 10;  
int z = 5;  
cout << x * x - 4 * y * z;
```

Select the correct option

- A. 5
- B. -25
- C. -5
- D. 25



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