

[Dashboard](#) / [My courses](#) / [CMPUT 201 \(LEC A1 A2 A3 Fall 2020\)](#) / [Week 5: September 28,30,2](#)
/ [Quiz #3 \(up to Lecture 09/Chap 7\)](#).

Started on	Thursday, 1 October 2020, 4:22 PM
State	Finished
Completed on	Thursday, 1 October 2020, 4:35 PM
Time taken	13 mins 27 secs
Marks	10.67/15.00
Grade	71.11 out of 100.00

Question 1

Correct

Mark 1.00 out of 1.00

How many times will the `printf` statement be executed?

```
int i = 0;
do {
    printf("%d\n", i++);
} while (i < 10);
```

Select one:

☐ 0

☐ 1

☐ 9

☒ 10 ✓

☐ 11

☐ Infinitely many times

cross out

cross out

cross out

cross out

cross out

cross out

Your answer is correct.

Click "Next page" to continue

The correct answer is: 10

Question 2

Correct

Mark 1.00 out of 1.00

The following `for` statement will loop through all lowercase letters.

```
for (char ch = 'a'; ch <= 'z'; ch++)
```

Select one:

☒ True ✓

☐ False

cross out

cross out

Your answer is correct.

Click "Next page" to continue

The correct answer is: True

Question 3

Incorrect
Mark 0.00 out of 1.00

The `char` type is signed by default.

Select one:

- ☒ True
- ☐ False. It's unsigned by default.
- ☐ False. Its signedness is implementation-specific.

[cross out](#)
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Your answer is incorrect.
Click "Next page" to continue
The correct answer is: False. Its signedness is implementation-specific.

Question 4

Partially correct
Mark 0.67 out of 1.00

Which of the following can be stored in a `char` variable?

Select all that apply:

- ☒ 'a'
- ☒ '1'
- ☐ "11"
- ☐ 11
- ☐ 10000

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Your answer is partially correct.
Click "Next page" to continue
The correct answers are: 'a', '1', 11

Question 5

Incorrect
Mark 0.00 out of 1.00

How many bits are used to determine the sign of a `float`?

Select one:

- ☐ 0
- ☐ 1
- ☐ 8
- ☒ 32
- ☐ 64

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Your answer is incorrect.
Click "Next page" to continue
The correct answer is: 1

Question 6

Correct
Mark 1.00 out of 1.00

The `int` type is signed by default.

Select one:

- ☒ True
- ☐ False. It's unsigned by default.
- ☐ False. Its signedness is implementation-specific.

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Your answer is correct.
Click "Next page" to continue
The correct answer is: True

Question 7

Correct
Mark 1.00 out of 1.00

Suppose we have the following variables:

```
int x = 104;  
unsigned int y = 105;
```

What will the expression `x - y > 0` evaluate to?

Select one:

- ☒ True ✓
- ☐ False

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Your answer is correct.

Click "Next page" to continue

The correct answer is: True

Question 8

Correct
Mark 1.00 out of 1.00

What is the conversion specifier for a number in base 8?

Select one:

- ☐ %8
- ☒ %o ✓
- ☐ %d
- ☐ %x

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Your answer is correct.

Click "Next page" to continue

The correct answer is: %o

Question 9

Correct
Mark 1.00 out of 1.00

In the following lines of code, what will be the value of `ch` if `65` is entered in `stdin`?

```
char ch;  
scanf("%c", &ch);
```

Select one:

- ☐ A
- ☐ a
- ☐ 5
- ☒ 6 ✓
- ☐ 65

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Your answer is correct.

Click "Next page" to continue

The correct answer is: 6

Question 10

Incorrect

Mark 0.00 out of 1.00

How many times will the `printf` statement be executed?

```
for (int i = 0; i < 10; ++i) {  
    if (i == 5) {  
        break;  
    }  
    printf("%d\n", i);  
}
```

Select one:

- ☐ 0
- ☒ 4
- ☐ 5
- ☐ 9
- ☐ 10
- ☐ 11
- ☐ Infinitely many times

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Your answer is incorrect.

Click "Next page" to continue

The correct answer is: 5

Question 11

Correct

Mark 1.00 out of 1.00

How many times will the body of the following for loop execute?

```
for (int i = 0; i++ < 10;) {  
    printf("%d\n", i);  
}
```

Select one:

- ☐ 0
- ☐ 9
- ☒ 10
- ☐ 11
- ☐ Infinitely many times

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Your answer is correct.

Click "Next page" to continue

The correct answer is: 10

Question 12

Correct

Mark 1.00 out of 1.00

How many times will the `printf` statement be executed?

```
for (int i = 0; i < 10; ) ;  
    printf("%d\n", i++);
```

Select one:

- ☒ 0
- ☐ 1
- ☐ 10
- ☐ 11
- ☐ Infinitely many times

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Your answer is correct.

Click "Next page" to continue

The correct answer is: 0

Question 13

Correct
Mark 1.00 out of 1.00

How many times will the `printf` statement be executed?

```
for (int i = 0; i < 10; ++i) {  
    switch (i) {  
        case 5: break;  
    }  
    printf("%d\n", i);  
}
```

Select one:

- ☐ 0
- ☐ 4
- ☐ 5
- ☐ 9
- ☒ 10 ✓
- ☐ 11
- ☐ Infinitely many times

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Your answer is correct.
Click "Next page" to continue
The correct answer is: 10

Question 14

Correct
Mark 1.00 out of 1.00

How many times will the `printf` statement be executed?

```
for (int i = 0; i < 10; ++i) {  
    switch (i) {  
        case 5: continue;  
        default: break;  
    }  
    printf("%d\n", i);  
}
```

Select one:

- ☐ 0
- ☐ 4
- ☐ 5
- ☒ 9 ✓
- ☐ 10
- ☐ 11
- ☐ Infinitely many times

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Your answer is correct.
Click "Next page" to continue
The correct answer is: 9

Question 15

Incorrect

Mark 0.00 out of 1.00

What will be the output of this block of code?

```
int i = 0;
for (i = 0; i < 10; ++i) ;
printf("i = %d\n", i);
```

Select one:

- ☒ i = 0 ✖[cross out](#)
- ☐ i = 1[cross out](#)
- ☐ i = 9[cross out](#)
- ☐ i = 10[cross out](#)
- ☐ Nothing will be printed.[cross out](#)

Your answer is incorrect.

Click "Next page" to continue

The correct answer is: i = 10

◀ Practice Quiz #3

Jump to...

Plagiarism Quiz #2 ▶