

[Dashboard](#) / [My courses](#) / [CMPUT 201 \(LEC A1 A2 A3 Fall 2020\)](#) / [Week 4: September 21,23,25](#)  
/ [Quiz #2 \(up to Lecture 06/Chap 5\)](#)

Started on	Thursday, 24 September 2020, 8:09 AM
State	Finished
Completed on	Thursday, 24 September 2020, 8:25 AM
Time taken	15 mins 29 secs
Marks	12.00/15.00
Grade	80.00 out of 100.00

Question 1

Correct

Mark 1.00 out of 1.00

What is the value of i after the following lines? `int i = 1, j = 1; -i = -j;`

Select one:

☐ -1

☐ 1

☐ The value of i will not be set in these lines.

☒ The line contains a syntax error. ✓

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Your answer is correct.

Click "Next page" to continue

The correct answer is: The line contains a syntax error.

Question 2

Correct

Mark 1.00 out of 1.00

What will the following lines of code print?

```
int a = 3;
switch (a / 2 * 2) {
    case a: printf("even "); break;
    default: printf("odd"); break;
}
```

Select one:

☒ There is a some error preventing anything from being printed. ✓

☐ even

☐ odd

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Your answer is correct.

Click "Next page" to continue

The correct answer is: There is a some error preventing anything from being printed.

Question 3

Incorrect  
Mark 0.00 out of 1.00

What is the expression `a < b < c` equivalent to?

Select one:

- ☐ `(a < b) < c`
- ☒ `a < b && b < c` ❌
- ☐ `a < b || b < c`
- ☐ `a < (b < c)`

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Your answer is incorrect.  
Click "Next page" to continue  
The correct answer is: `(a < b) < c`

Question 4

Correct  
Mark 1.00 out of 1.00

What is the value of `i` after the following lines? `int i = 1, j = 1; i + -j;`

Select one:

- ☐ The line contains a syntax error.
- ☒ 1 ✔️
- ☐ 0
- ☐ -1
- ☐ The value of `i` will not be set in these lines.

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

Question 5

Incorrect  
Mark 0.00 out of 1.00

What will the following lines of code print?

```
int a = 3, b = 4;
if (a == 3)
    if (b == 3)
        printf("Both are 3. ");
else
    printf("a isn't 3.");
```

Select one:

- ☐ Both are 3. a isn't 3.
- ☒ Nothing will be printed. ❌
- ☐ a isn't 3.
- ☐ Both are 3.

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Your answer is incorrect.  
Click "Next page" to continue  
The correct answer is: a isn't 3.

Question 6

Correct  
Mark 1.00 out of 1.00

Which of the following expressions evaluate to "true", assuming "<stdbool.h>" is included?

Select all that apply:

- ☐ !0.01
- ☒ true
- ☐ 0
- ☒ true || false
- ☒ 1
- ☒ 3.05
- ☐ false && true

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Your answer is correct.  
Click "Next page" to continue  
The correct answers are: true, 1, 3.05, true || false

Question 7

Correct  
Mark 1.00 out of 1.00

Which of the follow ternary statements is equivalent to the following?

```
if (a) {  
    b;  
} else {  
    c;  
}
```

Select one:

- ☒ a ? b : c
- ☐ a : c ? b
- ☐ a : b ? c
- ☐ a ? c : b

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Your answer is correct.  
Click "Next page" to continue  
The correct answer is: a ? b : c

Question 8

Correct  
Mark 1.00 out of 1.00

What is the value of i after the following lines? `int i, j, k; i = j = k = 5;`

Select one:

- ☒ 5
- ☐ The line contains a syntax error.
- ☐ 0
- ☐ The value of i will not be set in these lines.

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Your answer is correct.  
Click "Next page" to continue  
The correct answer is: 5

Question 9

Correct  
Mark 1.00 out of 1.00

Which of the follow expressions will evaluate to "True" if  $a = 1$ ,  $b = 2$ ,  $c = 3$ ?

Select all that apply:

- ☒  $(a < b) < c$  ✓
- ☐  $(c > b) > a$
- ☒  $c > (b > a)$  ✓
- ☐  $a < (b < c)$

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Your answer is correct.  
Click "Next page" to continue  
The correct answers are:  $(a < b) < c$ ,  $c > (b > a)$

Question 10

Correct  
Mark 1.00 out of 1.00

Suppose  $a$ ,  $b$ , and  $c$  each have the value 1. What is the value of  $a$  after the expression  $a += b -= c$ ?

Select one:

- ☐ 2
- ☐ 0
- ☐ -1
- ☒ 1 ✓

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

Question 11

Correct  
Mark 1.00 out of 1.00

What will the following lines of code print?

```
float a = 3.0;
switch (a) {
    case 3.0: printf("case 3.0 "); break;
    case 2.0: printf("case 2.0 "); break;
    case 1.0: printf("case 1.0 "); break;
    default: printf("default case"); break;
}
```

Select one:

- ☒ There is a some error preventing anything from being printed. ✓
- ☐ case 3.0 case 2.0 case 1.0 default case
- ☐ default case
- ☐ case 3.0

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Your answer is correct.  
Click "Next page" to continue  
The correct answer is: There is a some error preventing anything from being printed.

Question 12

Correct  
Mark 1.00 out of 1.00

What is the value of i after the following lines? `int i = 0; i++++;`

Select one:

- ☐ 0
- ☒ The line contains a syntax error. ✓
- ☐ 2
- ☐ The value of i will not be set in these lines.
- ☐ 1

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Your answer is correct.  
Click "Next page" to continue  
The correct answer is: The line contains a syntax error.

Question 13

Incorrect  
Mark 0.00 out of 1.00

What will the following lines of code print?

```
int a = 3;
switch (a) {
    case 1-5: printf("low number "); break;
    case 6-15: printf("high number "); break;
    default: printf("unknown number"); break;
}
```

Select one:

- ☒ There is a some error preventing anything from being printed. ✗
- ☐ low number
- ☐ unknown number
- ☐ high number

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

Question 14

Correct  
Mark 1.00 out of 1.00

What is the value of i after the following lines? `int i = 0; ++i++;`

Select one:

- ☐ 1
- ☒ The line contains a syntax error. ✓
- ☐ 0
- ☐ 2
- ☐ The value of i will not be set in these lines.

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Your answer is correct.  
Click "Next page" to continue  
The correct answer is: The line contains a syntax error.

Question 15

Correct  
Mark 1.00 out of 1.00

In the expression  $(a - b > c)$ , which operator has the higher precedence?

Select one:

- ☒ The - ✓
- ☐ The >

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

◀ Practice Quiz #2

Jump to...

Lab #3 D03 submission page ▶