Name:
Worksheet#02
CSC 211 - Spring 2019

1. Complete the following truth table

A	B	A ∧ B	A ∨ B	~A	A XOR B
False	False	**False**	**False**	**True**	**False**
False	True	**False**	**True**	**True**	**True**
True	False	**False**	**True**	**False**	**True**
True	True	**True**	**True**	**False**	**False**

2. Which of the following is the correct *if* clause to determine whether y is in the interval (10, 50)?

(a) `if (10 < y || y > 50)`

(b) `if (10 > y && y < 50)`

(c) **`if (y > 10 && y < 50)`**

(d) `if(y > 10 || y < 50)`

3. When will the following loop terminate: `while (keepOnGoing != 999)`?

(a) When `keepOnGoing` refers to a value less than 999

(b) When `keepOnGoing` refers to a value greater than 999

(c) **When `keepOnGoing` refers to a value equal to 999**

(d) When `keepOnGoing` refers to a value not equal to 999

4. Given the functions below, what is the returning value of `foo(4)`: **Answer = 13**

```
int bar(int n){
    int m = 10;
    n = n + m + 1;
    return n;
    }


int foo(int n){
    int m = 1;
    n = bar(m);
    return m + n;
    }
```