CSE2451 QUIZ1A 3:00 class

NAME

1. What will be output if you will execute following program by gcc compiler in Linux?

```c
#include <stdio.h>
int main() {
    int a=5,b=10,c=15,d=20;
    printf("%d %d %d\n", a, b, c);
    return 0;
}
```

A. 5 10 15  
B. 10 15 20  
C. 10 10 10  
D. none of the above

2. If the user enters the following:  
10 15 20  
What values are in a, b and c after the following code executes?

```c
#include <stdio.h>
int main() {
    scanf("%d %d %d", a, b, c);
    return 0;
}
```

A. 10 15 20  
B. 10 10 10  
C. 20 15 10  
D. none of the above

3. What does the logical/boolean AND operator look like?  

```c```

4. What is stored in the variable i if i = 8%3?  
2 or 2.0 (depending on if int or float)

5. What is the value of y after the given statements?  
1.0

```c```

6-8. What are the values of x, y and z after these statements execute?
```
```c
int x=3, y=3, z = 0;
```
CSE2451 QUIZ1B 3:00 class

NAME ____________________________________________________________

1. What will be output if you will execute following program by gcc compiler in Linux?

```c
#include <stdio.h>
int main() {
    int a=5,b=10,c=15,d=20;
    printf("%d %d %d", a, b, c);
    return 0;
}
```

A. 5 10 15  
B. 10 15 20  
C. 10 10 10  
D. none of the above

2. If the user enters the following: 10 15 20 What values are in a, b and c after the following code executes?

```c
#include <stdio.h>
int main() {
    scanf("%d %d %d", a, b, c);
    return 0;
}
```

A. 10 15 20  
B. 10 10 10  
C. 20 15 10  
D. none of the above

3. What does the logical/Boolean OR operator look like? ||

4. What is stored in the variable i if i = 10%3? 1 or 1.0 (depending on if int or float)

5. What is the value of y after the given statement? 0.0

```c
float x;
x = 2/4;
```

6-8. What are the values of x, y and z after these statements execute?

```c
int x=2, y=3, z = 0;
z = (x==y);
```

A. x 2
B. y 3
C. z 0