

## Level 0 Practice Exam #3

Name: \_\_\_\_\_

GitHub username: \_\_\_\_\_



1. Ask the user for their name and something that they like, then print out a message that says <name> loves <thing>. If the user enters “Bob” and “tacos”, the message should read “Bob loves tacos”.
2. Create a new Robot and make it draw a triangle.
3. Complete the following code so that “buy” is printed if `price` is lower than 10, otherwise “sell” is printed.

```
double price = 6.78;

_____ (price _____) {
    System.out.println("buy");
}

_____ {
    System.out.println("sell");
}
```

4. Do the following steps to complete the code:
- Add curly braces (mustaches)
  - Complete the for loop so it runs 200 times
  - Inside the for loop use a message dialog to print "Hello again!"

```
public class Annoying  
  
    Public static void main(String[] args)  
  
        for( _____ ; _____ ; _____ )  
  
        _____
```

5. Complete the Processing code so that a **blue** ellipse moves right on the screen:

```
int x = 20;  
void setup() {  
  
}  
void draw() {  
  
    fill( _____ , _____ , _____ );  
  
    ellipse( _____ , _____ , _____ , _____ );  
  
    _____  
  
}
```

6. Write code below that gets a random integer between 55 and 105

7. Write code that completes the following steps:
  - a. Ask the user for the amount of sleep they got last night
  - b. If they said less than 6, tell them “that’s not enough”
  - c. else if they said between 6 and 8, tell that “good job”
  - d. else tell them “that’s too much”

8. Write code that calls the method below

```
public static void main(String[] args){

}

public static void printCharacter(char c, boolean b){
    if(b == true){
        System.out.println("The current character is
"+c);
    }
}
```

```
    }  
}
```

9. Write a method called `evenOrOdd`. It should takes an `int` as a parameter and print out “even” if the number is even or “odd” if the number is odd.

10. Write code below that asks the user for a number, then uses a for loop to count down to 0 from that number.

11. What is the output of the following code?

```
int output = 0;  
for(int i = 0; i < 4; i++){  
    for(int j = 0; j < 2; j++){  
        output++;  
    }  
}  
System.out.println(output);
```

