

Level 0 Practice Exam #2

Name: _____

GitHub username: _____



1. Which parts of the program belong at the following letters:

```
A{  
    B{  
        C  
    }  
}
```

public static void main(String[] args) _____

public class Review _____

System.out.println("Good Luck!"); _____

2. Write code that completes the following steps:
- Ask the user for their favorite food
 - Print out whatever they entered are delicious (e.g. "Tacos are delicious");
3. Write code that creates a new Robot and draws a square.

4. Fill in the code below so that:

- "Too hot" is printed if temp is greater than 80.
- "Perfect" is printed if the temperature is between 65 and 80
- "Too cold" is printed otherwise.

CAUTION: only one of the three messages should be printed when the code is run.

```
int temp = 72;

if(temp_____) {
    System.out.println("Too hot");
}

_____ (temp_____ temp_____ ) {
    System.out.println("Perfect!");
}

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

5. Write code that completes the following steps:

- Create an int variable called `slicesOfPizza` that is equal to 8.
- Decrease the value of `slicesOfPizza` by the number of slices you want to eat.

6. Write code that uses a for loop to print "code4life" **100 times**.

7. Complete the Processing code below to draw a blue ellipse in the middle of the screen:

```
void setup() {  
    size(1000,1000);  
}  
  
void draw() {  
  
  
  
  
  
  
  
  
  
}
```

8. Write code below that will print out a random number between 100 and 200.

9. Complete the following code so that `String userHeight` is converted into an int:

```
String height = JOptionPane.showInputDialog("How tall are  
you?");  
  
int userHeight = _____
```

10. Call the `printInfo` method below:

```
public static void main(String[] args) {  
  
  
  
  
  
  
  
  
  
}  
public static void printInfo(String name, int age) {  
    System.out.println(name + " is " + age + " years old");  
}
```

11. Use modulo to finish the code below so that it prints “even” if the number is even.

```
int number = 27;

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

12. Write a method below that takes two ints and prints the sum of those two numbers.

13. What is the output of the following code?

```
int counter = 0;
for(int i = 0; i < 3; i++){
    for(int i = 0; i < 2; i++){
        counter++;
    }
}
System.out.print(counter);
```

14. Initialize the values for the following types of variables. You can choose whatever value you want.

- a. `int numCats = _____;`
- b. `String name = _____;`
- c. `char letter = _____;`
- d. `boolean smart = _____;`

e. `double milesTraveled = _____;`