**Level 0 Practice Exam #2**league logo.jpg

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!”); \_\_\_\_\_\_\_\_

1. Write code that completes the following steps:
   1. Ask the user for their favorite food
   2. Print out whatever they entered are delicious (e.g. “Tacos are delicious”);
2. Write code that creates a new Robot and draws a square.
3. Fill in the code below so that:
   1. “Too hot” is printed if temp is greater than 80.
   2. “Perfect” is printed if the temperature is between 65 and 80
   3. “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”);

}

1. Write code that completes the following steps:
   1. Create an int variable called slicesOfPizza that is equal to 8.
   2. Decrease the value of slicesOfPizza by the number of slices you want to eat.
2. Write code that uses a for loop to print “code4life” **100 times.**
3. Complete the Processing code below to draw a blue ellipse in the middle of the screen:

void setup(){

size(1000,1000);

}

void draw(){

}

1. Write code below that will print out a random number between 100 and 200.
2. Complete the following code so that String userHeight is converted into an int:

String height = JOptionPane.showInputDialog(“How tall are you?”);

int userHeight = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 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”);

}

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

int number = 27;

if(\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_){

System.out.println(“\_\_\_\_\_\_\_\_\_\_”);

}

1. Write a method below that takes two ints and prints the sum of those two numbers.
2. What is the output of the following code?

int counter = 0;

for(int i = 0; i < 3; i++){  
 for(int j = 0; j < 2; j++){

counter++;

}

}

System.out.print(counter);

1. Initialize the values for the following types of variables. You can choose whatever value you want.
   1. int numCats = \_\_\_\_\_\_\_\_\_\_;
   2. String name = \_\_\_\_\_\_\_\_\_\_;
   3. char letter = \_\_\_\_\_\_\_\_\_\_;
   4. boolean smart = \_\_\_\_\_\_\_\_\_\_;
   5. double milesTraveled = \_\_\_\_\_\_\_\_\_\_;