**Level 0 Practice Exam #3**league logo.jpg

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”);

}

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

public class Annoying

Public static void main(String[] args)

for(\_\_\_\_\_\_\_\_\_\_\_\_ ; \_\_\_\_\_\_\_\_\_\_\_\_ ; \_\_\_\_\_\_\_\_\_\_\_\_)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

int x = 20;

void setup(){

}

void draw(){

fill(\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_);

ellipse(\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_);

\_\_\_\_\_\_\_\_\_\_\_\_

}

1. Write code below that gets a random integer between 55 and 105
2. Write code that completes the following steps:
   1. Ask the user for the amount of sleep they got last night
   2. If they said less than 6, tell them “that’s not enough”
   3. else if they said between 6 and 8, tell that “good job”
   4. else tell them “that’s too much”
3. 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);

}

}

1. 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.
2. Write code below that asks the user for a number, then uses a for loop to count down to 0 from that number.
3. 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);