**Lab 6 Assignments**

1. What two values are printed by each call below? Write them in the boxes provided.

public class MysteryNums {

public static void main(String[] args) {

int x = 15;

sentence(x, 42); //

int y = x - 5;

sentence(y, x + y); //

}

public static void sentence(int num1, int num2) {

System.out.println(num1 + " " + num2);

}

}

|  |  |
| --- | --- |
| 15 | 42 |
| 10 | 25 |

1. Write a method printSquare that accepts min and max integers and prints a square of lines of increasing numbers. The first line should start with the minimum; each line that follows should start with the next-higher number. The numbers on a line wrap back to the minimum after it hits the maximum.

For example, the call:

printSquare(3, 6);

should produce the following output:

3456

4563

5634

6345

1. Write a java program which will produce the following output. No variables are needed but the program must use numbers and math operators for all the results. In other words, you cannot simply include all the answers inside the quotes. The calculations must be done by the computer.

**My age is 21**

**Twice my age is 42**

**Three times my age is 63**

**Half of my age is 10.5**

**My gpa is 3.3**

**Half my gpa is 1.65000000000**

1. Write a program called PrintSheepPattern to print the following pattern:

**'\_\_'**

**(oo)**

**/========//**

**/ || @@ ||**

**\* ||----||**

**VV VV**

**'' ''**

**Submission to Icollege**

**Please submit your solution to the lab instructor once you have your program working. They will tell you how he would like you to turn it in.**

**Failure to submit will result in a zero.**