

1.

Write a java program that will compute the addition, subtraction, multiplication, and division of two numbers. You must:

- 1) Prompt the user for input
- 2) Compute the values
- 3) Display the results to the user

Notice: I am not giving you any test data, Come up with your own, think of what I will call “edge cases” . What issues could you run into? I will assure you that the user WILL enter a number so you do not need to validate input for non-numerical answers. However, all I will guarantee is the user will enter a number. Think what types of number combinations are possible? Is an integer + an integer always an integer? Think of different ways you could use print statements? This program is simple but is it possible to make your code cleaner? These are the things I will be discussing and focusing on as we move forward in the semester.

2.

Write a Java program to calculate the average of three numbers. I will guarantee you that the user will enter positive integers or the number 0. Again, it is very important to think about what kind of numbers your solution could be in this program. You must prompt and display results.

3. Write a java program to calculate the perimeter and area of a rectangle. The user will enter numbers greater than 0. Fractional lengths are allowed.

It is okay to not understand the problem or all of these words. That is why I am here.