CSC 220 – Lab 12

Objective
In this lab, you are going to implement a program based on the given recursive definition.

Java programs:

Modify the method that calculates the sum of the integers between 1 and *N* shown in slides. Have the new version named `Sum.java` match the following recursive definition: The sum of 1 to *N* is the sum of 1 to (*N*/2) plus the sum of (*N*/2 + 1) to *N*. Use your program to trace your solution with an *N* of 7. Then take a screen shot of the trace and keep the file in your Lab 12 folder. Your program should ask user to input a number *N* and calculate the sum of 1 to *N*. Exceptions should be handled properly.

What to turn in:
> JAR your `*.java` and the screen shot files into a file called `Lab12.jar`. When you're done, submit the file to Canvas by the deadline. No extensions.