CSCI-14 Lab 6 due 10/8/18

Please work in groups of two.

Two programs:

1) Write a program to implement the algorithm discussed in class today, e.g., get a series of integers from the user stopping at the first entry <= 0, then print the sum, count and (floating-point) average of the series if they exist, otherwise a message indicating there are no statistics. The ONLY floating-point value in this program is the average. Use the basic design from class.

2) Write another program that prompts the user for two numbers (integers) then counts from the first number to the second number, whether going up or down. For example, if the user enters 2 and 5, print 2 3 4 5, and if the user enters 6 and 2, print 6 5 4 3 2, and if the user enters 7 and 7, print 7. You may print either down or across the screen.

You may have no more than two loops: either counting up or counting down. Set your loops up so that the case of the user entering 5 and 5 works correctly to print just 5.

You can actually do this with only one loop. It isn't necessary for this lab, but I would like you to think about how to design this to use only one loop. You may have other control structures. It's an interesting early easy looping problem.

Turn in the source files and several tests. Name the files in a way that tells me what they are.