Exercise 1 – Range of integers between two integers
Write a Java program that asks the user to input two integers and lists all integers between the two in proper order.

Example 1:
Please input two integers: 3 9
{3, 4, 5, 6, 7, 8, 9}

Example 2:
Please input two integers: 4 -2
{-2, -1, 0, 1, 2, 3, 4}

Exercise 2 – Multiplication table
Write a Java program that asks the user to input a positive integer N between 1 and 9 then prints the multiplication table up to N.

Example
Please input an integer between 1 and 9: 5
*  1  2  3  4  5
1  1  2  3  4  5
2  2  4  6  8 10
3  3  6  9 12 15
4  4  8 12 16 20
5  5 10 15 20 25
Exercise 3 – Open sum
Write a Java program that keeps reading integers and adding them up until the user inputs a negative number. The program then prints the total and exits.

Example
Please input integer numbers. To terminate input and print the total please enter a negative integer: 1 1 1 2 5 -1
Total is 10.

Exercise 4 – Max, Min & Average
Write a Java program that reads 10 integers then displays the maximum, minimum and average numbers.

Example
Please input 10 integers:1 2 3 4 5 -1 -2 -3 -4 -5
Max: 5
Min: -5
Average: 0.0

Bonus – Conditional Max, Min & Average
Repeat Exercise 4 allowing negative integers, but considering only positive integers for Max and Min.

Example
Please input 10 integers:1 2 3 4 5 -1 -2 -3 -4 -5
Max: 5
Min: 1
Average: 0.0