Assignment 2

1. Write a program that print from 10 to 1
   Output:
   10 9 8 7 6 5 4 3 2 1
2. Write a program to read 10 numbers from the user then print the average.
   Example
   Input 5 3 2 6 7 1 10 9 8 4
   Output 5.5
3. Write a program i to display the multiplication table of a given integer
   Example
   Input 5
   Output
   1*5 = 5
   2*5 = 10
   ...
   ...
   12*5 = 60
4. Write a program that allows the user to insert two integers N and M and print the summation of all numbers between N and M.
   Example:
   input: 5 8.
   output: 26.

5. Write a program that allows the user to insert infinite integers until insert negative number then print summation of all integers
   Example
   Input 5 7 8 3 2 -1
   Output 25
6. Write a program that allows the user to insert infinite integers until insert negative number then print the max integer.
   Example
   Input 5 3 8 7 9 4 -1
   Output 9
7. Enter Number and Count the number of steps required to make the Number equal to Zero.
   ->if Number is Odd decrease one from it
   ->If Number is Even divide it by 2
   Example:
   Input:15 Output: 7

8. Write a program to find the power of a number.
   Input
   Input base: 2
   Input exponent: 5
   Output:
   2^5 = 32
9. Write a program to take 10 numbers from the user and count the odd numbers .
   Example:
   Input: 5 8 3 11 6 4 2 7 1 9
   Output: 7
10. Write a program to take 2 integers from the user and find the Greatest Common Divisor of two numbers.
    Example:
    Input: 25 15
    Output: 5

11. Write a program to take 10 numbers from the user and find the second max.
    Example:
    Input: 5 8 3 11 6 4 2 7 1 9
    Output: 9