

## Exercises – Training 2

- 1- Using the for loop display the numbers from 10 to 0. (10 and 0 are inclusive).
- 2- Write a code to add positive numbers using the while and do while loops. You are requested to display the final sum as "Final Sum = " the number that you added. And in the loop display the sum as "Sum in loop is".
- 3- Sam just learned at school about prime numbers. The teacher told them that a prime number is a number that is divisible only by itself and 1. Sam has an assignment where he needs to tell if the number is prime or not, and he is requesting your help.  
**Input:** user enters a single integer number once  
**Output:** if the number is prime "the number entered is prime" if not "the number entered is not prime"
- 4- Sam just learned at school about prime numbers. The teacher told them that a prime number is a number that is divisible only by itself and 1. Sam has an assignment where he needs to tell if the number is prime or not, and he is requesting your help.  
**Input:** integer R where  $0 \leq R \leq 100$   
**Output:** if the number is prime "the number entered is prime" if not "the number entered is not prime"