**Lab Task 1:**

The Lab Tasks 2 and 3 of Lab 11 first input some numbers from user, and then output some statistics at the end of the program. Convert both of these programs so that the counter-controlled or sentinel-controlled loops are replaced by EOF-controlled loops, i.e. the user input must end when the user provides the EOF input.

**Lab Task 2:**

Write a program that prompts the user to input a positive integer. It should then output a message indicating whether the number is a prime number or NOT?

Hint: The program should use check the divisibility of the number (inside a loop) with all numbers less than it.

Hint: The above program should use a flag is\_prime initialized to true before loop. The flag must be toggled inside the loop.

**Home Task 1:**A picture containing text, newspaper, document, screenshot

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**Home Task 2:**

Solve Programming Exercises 1 and 4 of Chapter 5.