

## Problem – 1

### 1. TITLE OF THE LAB EXPERIMENT

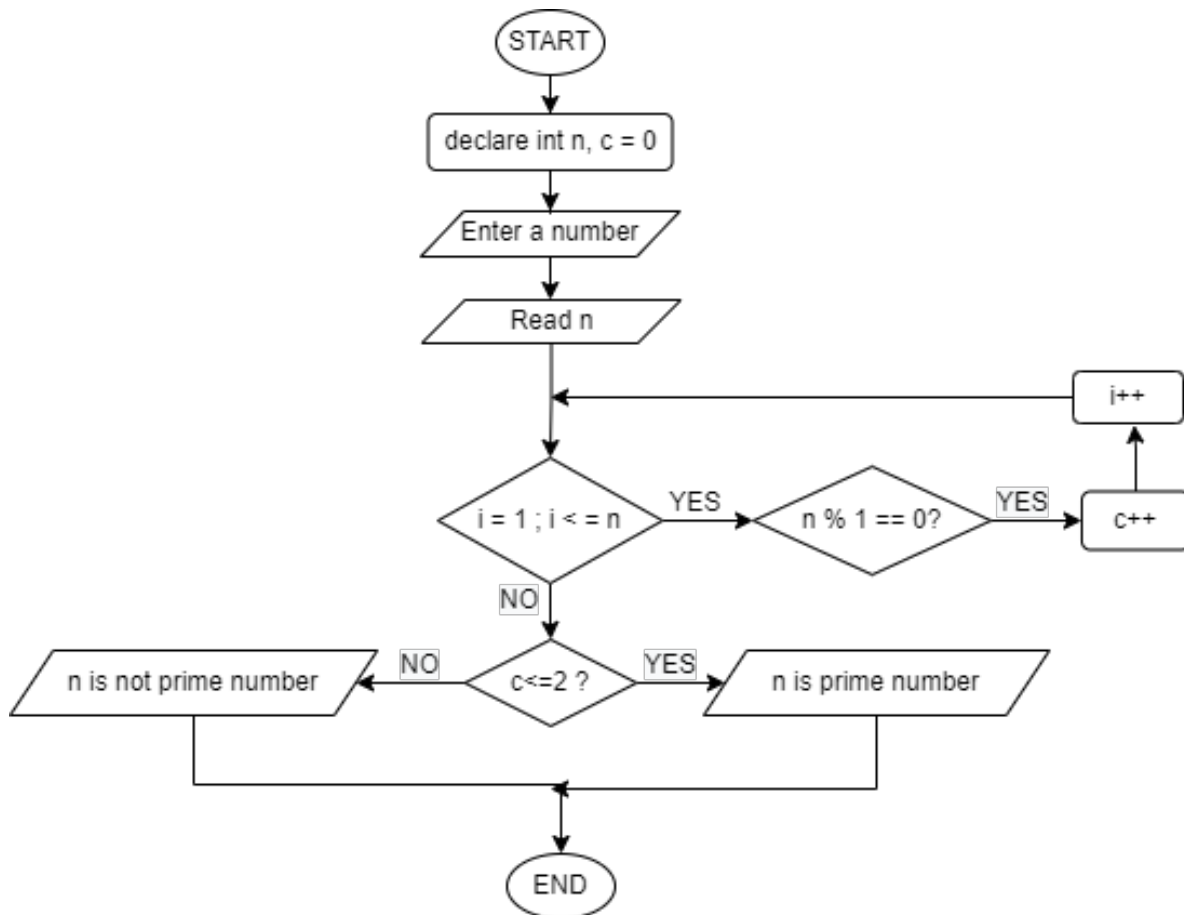
Write a C program to find whether a given number is a prime number or not.

### 2. OBJECTIVES

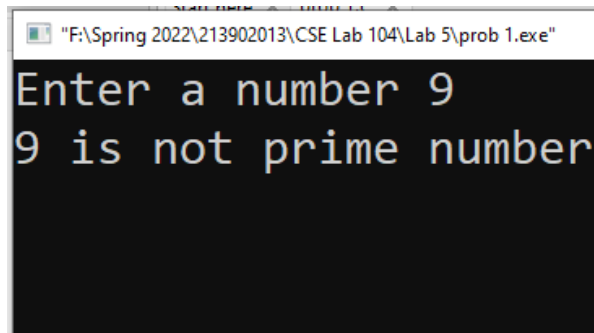
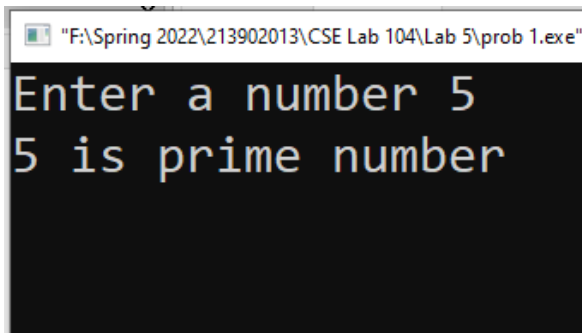
Here we are trying to check whether the number given by the user is prime or not with the help of the algorithm.

### 3. PROCEDURE

Flow chart -



## 5. TEST RESULT



## 6. ANALYSIS AND DISCUSSION

- We got the correct output.
- To complete this assignment we did not face any problems.
- We learned some of the basics of the C program from it.
- We have solved the problem.

## 7. SUMMARY:

We have completed the program by using C.

## Problem – 2

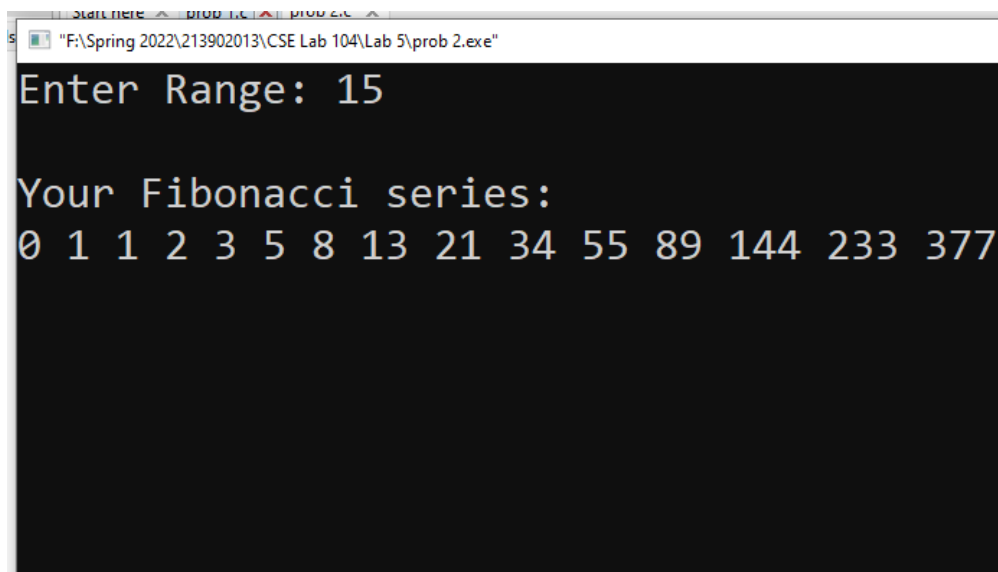
### 1. TITLE OF THE LAB EXPERIMENT

Print Fibonacci series until a given number.

### 2. OBJECTIVES

Here we are trying to find out the Fibonacci series given by the user.

## 5. TEST RESULT



A screenshot of a Windows command prompt window. The title bar shows the file path "F:\Spring 2022\213902013\CSE Lab 104\Lab 5\prob 2.exe". The prompt displays the text "Enter Range: 15" on the first line. The second line shows "Your Fibonacci series:". The third line displays the Fibonacci sequence: "0 1 1 2 3 5 8 13 21 34 55 89 144 233 377".

## 6. ANALYSIS AND DISCUSSION

- We got the correct output.
- To complete this assignment we did not face any problems.
- We learned some of the basics of the C program from it.
- We have solved the problem.

## 7. SUMMARY:

We have completed the program by using C.

## Problem – 3

### 1. TITLE OF THE LAB EXPERIMENT

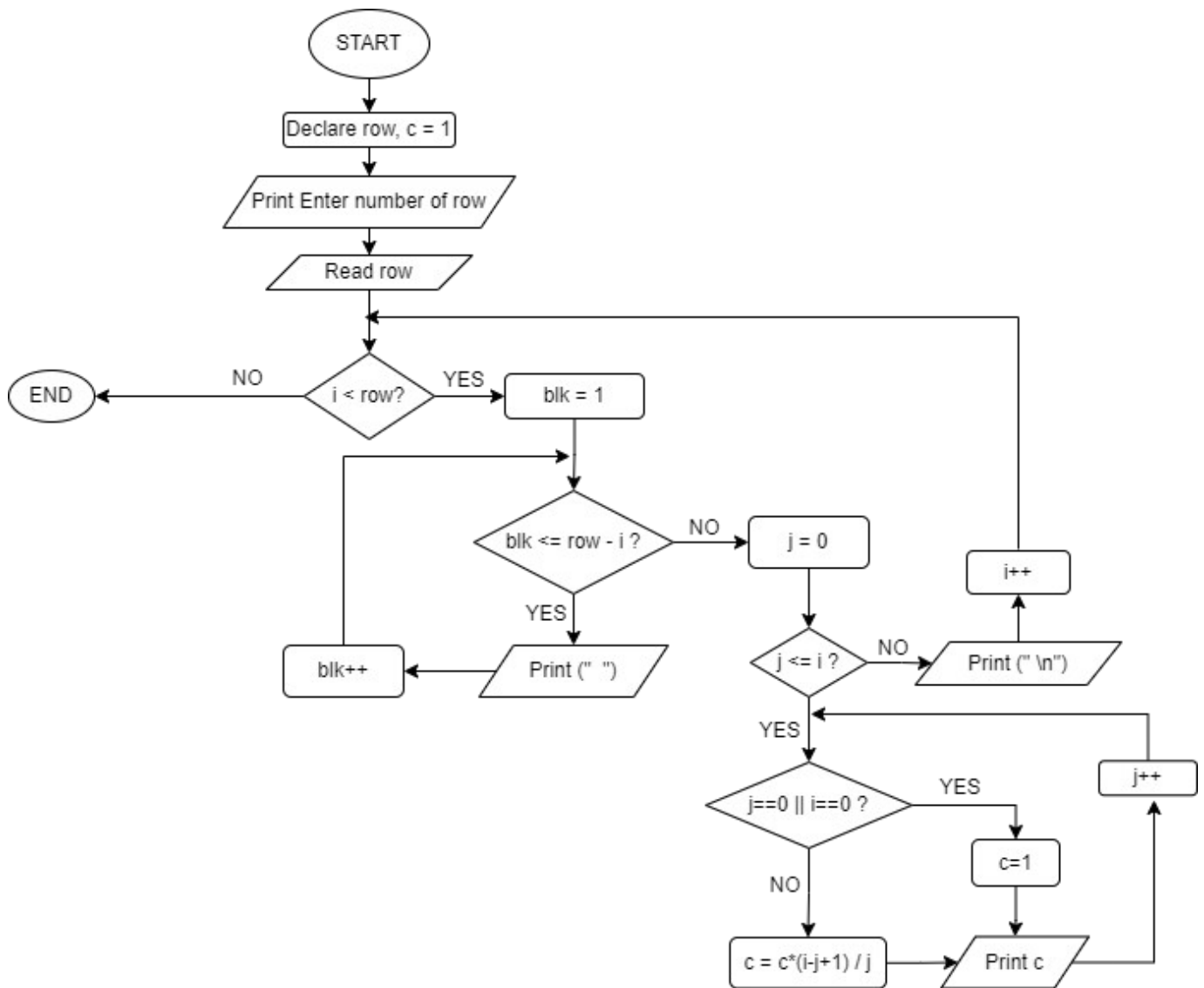
Display Pascal's Triangle until a given row.

### 2. OBJECTIVES

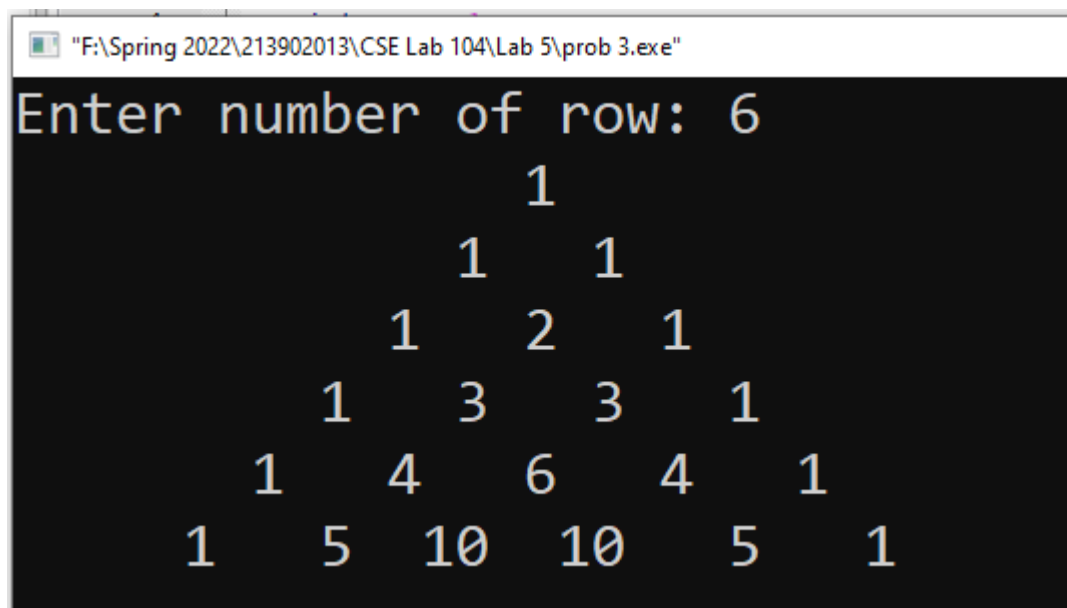
Here we are trying to display the Pascal triangle from the user-given row.

### 3. PROCEDURE

Flow chart -



## 5. TEST RESULT



The screenshot shows a Windows command prompt window with the title bar "F:\Spring 2022\213902013\CSE Lab 104\Lab 5\prob 3.exe". The prompt displays the text "Enter number of row: 6". Below this, the output is a Pascal's triangle with 6 rows. The numbers are displayed in a yellow font on a black background. The triangle is symmetric and centered, with each row containing one more number than the previous row. The numbers are: Row 1: 1; Row 2: 1, 1; Row 3: 1, 2, 1; Row 4: 1, 3, 3, 1; Row 5: 1, 4, 6, 4, 1; Row 6: 1, 5, 10, 10, 5, 1.

```
Enter number of row: 6

      1
     1 1
    1 2 1
   1 3 3 1
  1 4 6 4 1
 1 5 10 10 5 1
```

## 6. ANALYSIS AND DISCUSSION

- We got the correct output.
- To complete this assignment we did not face any problems.
- We learned some of the basics of the C program from it.
- We have solved the problem.

## 7. SUMMARY:

We have completed the program by using C.