**Lab Activity-13:**

1. Design a Calculator that computes basic operations such as Addition, Subtraction, Multiplication and Division. Implement four different functions for each of the operations. WACP to accept two numbers using a MENU option in the main program. The program runs as long as user desires and on pressing of a key ‘Q’ program quits.

**Sample Input / Output:**

1. **Addition**
2. **Subtraction**
3. **Multiplication**
4. **Division**

**Enter your choice: 3**

**Enter the first number: 21**

**Enter the second number: 11**

**The Result is: 231**

**Would you like to continue (Y-Yes/N-No): N**

1. Design a function that returns the frequency of character ‘G’ or ‘g’ (Ignore Case) in a stream of N characters. Accept the value of **N** in the main program and pass it to the calling function. Display the frequency of the characters in the main program.

**For Example: G r e a t e r g a t e G l o r y**

**Frequency of letter G: 3**

1. Design a function **isNumPresent** thataccepts two parameters **N** and **Num** andreturns true ifthenumber (**Num**) accepted from the user is present in the given Fibonacci series up to N terms. WACP to implement the function by accepting the value of **N** and the number (**Num)** in the main program. Display appropriate message in the calling program.

\***Note: Write at least three test cases to test the inputs by giving it to each of above the listed**

**programs.**