LAB EXERCISE 2

TOPIC: ELEMENTARY PROGRAMMING & CONTROL STRUCTURES

NAME: MAXIVIANNA BINTI ROBERT

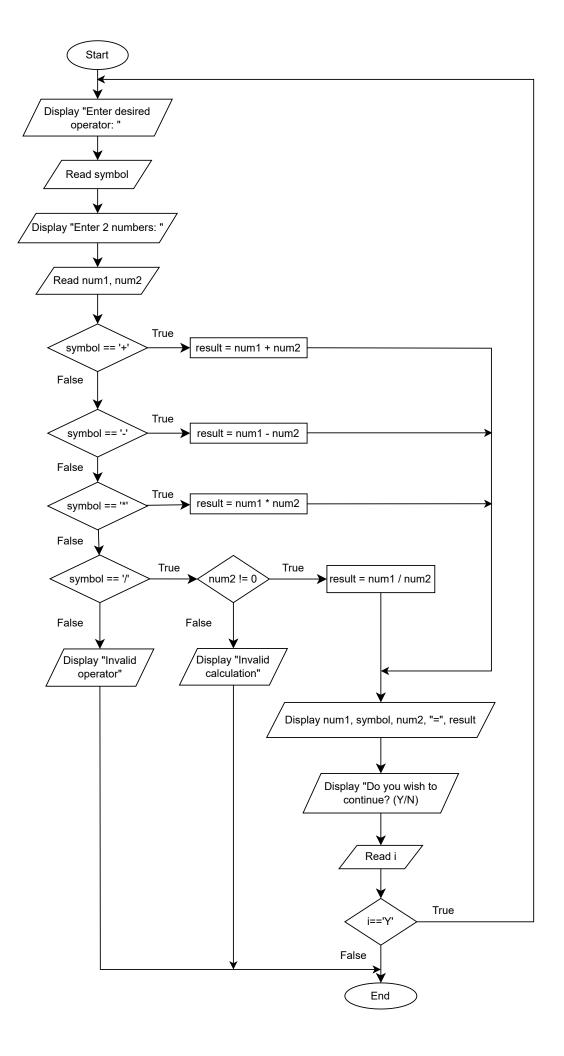
MATRIC NO: A24CS0109

SECTION: 02

QUESTION 1 [10 Marks]

Sketch a flowchart for a program that will perform like a calculator involving operators add, subtract, multiply and divide:

- a. Prompt the users to enter desired operator of char type (add, subtract, multiply and divide)
- b. Prompt the users to enter two inputs of numbers
- c. Use switch-case statements to check the entered input
 - i. If the user enters +, addition is performed on the numbers.
 - ii. If the user enters -, subtraction is performed on the numbers.
 - iii. If the user enters *, multiplication is performed on the numbers.
 - iv. If the user enters /, division is performed on the numbers.
 - v. If the user enters any other character, print out error message
- d. For the output, display >> the two numbers, the operator, the result.
- e. Loop using the Do-While until user decides to stop.



QUESTION 2 [30 Marks]

Write a C++ program to prove the running of the solution.

```
C District Destrict Destrict part of Schools and Schoo
```

Sample Output:

```
PROBLEMS OUTPUT DEBUGCONSOLE TERMINAL PORTS

PS C:\Users\User> cd "c:\Users\User\OneDrive\Desktop\parcel\"; if ($?) { g++ labexec2.cpp -o labexec2 }; if ($?) { .\labexec2 }

**************Lab Exercise 2***********
Enter desired operator: +
Enter 2 numbers: 5 6
5+6=11
Do you wish to continue? (Y/N)
N
PS C:\Users\User\OneDrive\Desktop\parcel>
```