# **Requirements:**

1.The calculator is developed using standard C and should run on all machines supporting Gcc compiler

2) The program must include and display the following menu to the user: 1 Add 2 Subtract 3 Multiply 4 Divide 5 Power 6 Root 7 Factorial 8 Log 9 Log10 10 Exit

3) The program should only exit when the user enters 10

4) The program must print the result in equation form. [Ex.] <num1> + <num2> <result> = 4

5) The program must prevent the user from dividing by zero.

6) The program should display Invalid selection" if the user choses a menu option that is less than 1 or greater than 10.

7) operations will use either one or two numbers.

8) The program should prompt the user to provide numbers for the selected operation N