**Assignment**

Aim: Create an application for performing basic math operations like Addition, Subtraction, Multiplication and Division.

Flowcharts:

**START**

Declare Variable

let num1, num2, opr, result

Get input from user

calculate ()

calculate and return the result as response

Get the choice from the user for the operation

opr == mul

opr == div

opr == sub

opr == add

End

result=num1/num2

result=num1\*num2

result=num1-num2

result=num1+num2

Return result

**END**

Case:

|  |  |  |  |
| --- | --- | --- | --- |
| Input | Expected Output | Actual Output | Status |
| num1=“”  num2=“”  opr = “” | All the Input Fields are Required | All the Input Fields are Required | Passed |
| num1=12  num2=“”  opr = “add” | All the Input Fields are Required | All the Input Fields are Required | Passed |
| num1=“”  num2=21  opr = “add” | All the Input Fields are Required | All the Input Fields are Required | Passed |
| num1=“asd” num2=21  opr = “add” | Invalid Input Given | Invalid Input Given | Passed |
| num1=12  num2=“asd”  opr = “add” | Invalid Input Given | Invalid Input Given | Passed |
| num1=12  num2=“asd”  opr = “” | Please Select Operation | Please Select Operation | Passed |
| num1=12  num2=21  opr = “add” | success | success | Passed |