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Homework 3 – Calculator

**Problem:** The problem that has occurred is that an end user doesn’t have a calculator to calculate the most basic mathematical operations. Therefore, I will create a calculator in which it will ask the end user 2 numbers, and operation, and then output the answer.

**Solution:** The program will ask the user to enter their first number. Then ask them to enter an operation. Third, it will ask them to enter them to enter the final number. Once that is complete, the program will output the answer. The math operations that the program will accept are: + = \* /. If the user divides any number by 0, it will give them back an error telling them that a number cannot be divided by 0.

**Pseudocode:**

**Start**

**Printf:** Please enter 1st number

**Scanf:** num1

**Printf: Please enter operator:** +, -, \*, /

**Scanf:** o

**Printf:** Please enter 2nd number

**Scanf:** num2

**If** operator is +: add num1 and num2

**If** operator is -: subtract num1 and num2

**If** operator is \*: multiply num1 and num2

**If** operator is /: divide num1 and num2

**If** num2 == 0: Error! Your number cannot be divisible by 0!

**Stop**