CalculatorProgram

**Grade settings**: Maximum grade: 100  
**Disable external file upload, paste and drop external content**: Yes  
**Run**: Yes **Evaluate**: Yes  
**Automatic grade**: Yes

Create a class called Calculator which contains methods for arithmetic operations such as Addition, Subtraction ,Multiplication and Division. Division method should return the Quotient and Remainder(hint:use out parameter).

Follow the method signatures as given below:

public int Addition(int a, int b)

public int Subtraction(int a, int b)

public int Multiplication(int a, int b)

public double Division(int a, int b, out double remainder).  //The method should  return the Quotient and Remainder  should be  passed through the out parameter.

The methods should return the appropriate result.

Create a class Program with Main Method . Prompt for 2 operands and operator from the user, Call the appropriate method for operation and display the results.

**Note:**

**Don't create any new namespace.**

**Create classes with pubic access specifier**

**Sample Input**

Enter the operator

+

Enter the operands

12

10

**Sample Output**

Result of 12 + 10 is 22

**Sample Input**

Enter the operator

/

Enter the operands

11

2

**Sample Output**

Result of 11 / 2 is 5

Remainder =1

**Sample Input**

Enter the operator

&

Enter the operands

12

10

**Sample Output**

Invalid Operator