Integers and Math operators will be inserted as input. Output should be the result of the expression. For Example:- Input "67 + 71 -56 \* 2" Output 164 Don't worry, BODMAS does not apply and you need to compute the results left to right. Only multiply, divide, addition and subtraction. No brackets.

* **[time limit] 3000ms (cs)**
* **[input] string expression**

String which is an expression to be calculated.

* **[output] integer**

Result of expression

<https://codefights.com/challenge/XfN4nbDBuJqATTFvD/main>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static int rose(string expression)

{

string[] elems = expression.Split('+', '-', '\*', '/');

int[] nums = new int[elems.Length];

for (int i = 0; i < elems.Length; i++)

{

nums[i] = int.Parse(elems[i].Trim());

}

List<char> operandos = new List<char>();

foreach (char ch in expression)

{

if (ch == '+' || ch == '-' || ch == '\*' || ch == '/')

{

operandos.Add(ch);

}

}

int j = 0;

int res = nums[0];

for (int i = 1; i < nums.Length; i++)

{

//res += nums[i];

if (operandos[j] == '+')

{

res += nums[i];

}

else if (operandos[j] == '-')

{

res -= nums[i];

}

else if (operandos[j] == '\*')

{

res \*= nums[i];

}

else if (operandos[j] == '/')

{

res /= nums[i];

}

j++;

}

return res;

}

static void Main(string[] args)

{

//string expression = "23 \* 9 \* 81 / 9 / 81 -23 + 56 - 113 + 113";

string expression = "1 + 1 \* 1 - 1+ 1 \* 1 /1 + 1 -1 + 1 - 1 \* 1 / 2 \* 2";

Console.WriteLine(rose(expression));

Console.ReadLine();

}

}

}