**7 kyu**

**Operations with sequence**

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C#

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**Steps**

1. Square the numbers that are greater than zero.
2. Multiply by 3 every third number.
3. Multiply by -1 every fifth number.
4. Return the sum of the sequence.

**Example**  
{ -2, -1, 0, 1, 2 } returns -6

1. { -2, -1, 0, 1 \* 1, 2 \* 2 }

2. { -2, -1, 0 \* 3, 1, 4 }

3. { -2, -1, 0, 1, -1 \* 4 }

4. -6

P.S.: The sequence consists only of integers. And try not to use "for", "while" or "loop" statements.

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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

public static int Calc(int[] array)

{

// return 0;

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

{

if(array[i] > 0)

{

array[i] = array[i] \* array[i];

}

if((i+1) %3 == 0)

{

array[i] = 3 \* array[i];

}

if((i+1)%5==0)

{

array[i] = -array[i];

}

}

return array.Sum();

}

static void Main(string[] args)

{

int[] arr = { -2, -1, 0, 1, 2 };

//returns - 6

Console.WriteLine(Calc(arr));

Console.ReadLine();

}

}

}