**7 kyu**

**Sum of two lowest positive integers**

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C#

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Create a function that returns the sum of the two lowest positive numbers given an array of minimum 4 integers. No floats or empty arrays will be passed.

For example, when an array is passed like [19, 5, 42, 2, 77], the output should be 7.

[10, 343445353, 3453445, 3453545353453] should return 3453455.

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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 sumTwoSmallestNumbers(int[] numbers)

{

int pri = int.MaxValue;

int sec = int.MaxValue;

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

{

if (numbers[i] > 0)

{

if (numbers[i] < pri)

{

sec = pri;

pri = numbers[i];

}

if(numbers[i] < sec && numbers[i] != pri)

{

sec = numbers[i];

}

}

}

//Console.WriteLine("pri: " + pri + " sec: " + sec);

return pri + sec;

}

static void Main(string[] args)

{

//int[] arr = { 19, 5, 42, 2, 77 };

int[] arr = { 10, 343445353, 3453445, 3453545353453 };

Console.WriteLine( sumTwoSmallestNumbers(arr));

Console.ReadLine();

}

}

}