**7 kyu**

**Row Weights**

201092% of 33267 of1,621[MrZizoScream](https://www.codewars.com/users/MrZizoScream" \o "This kata's Sensei)

C#

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**Scenario**

***Several people*** are standing in *a row divided into two teams*.  
The ***first person*** goes into ***team 1***, ***the second*** goes into ***team 2***, ***the third*** goes into ***team 1***, and so on.

**Task**

***Given*** *an array of positive integers (the weights of the people)*, ***return*** *a new array/tuple of two integers*, ***where*** ***the first*** one is the ***total weight of team 1***, and ***the second*** one is the ***total weight of team 2***.

**Notes**

* ***Array size*** is *at least 1*.
* ***All numbers*** will be **positive**.

**Input >> Output Examples**

1- rowWeights([13, 27, 49]) ==> return (62, 27)

***Explanation***:

***The first element*** 62 is *the total weight of team 1*, and ***the second element*** 27 is *the total weight of team 2*.

2- rowWeights([50, 60, 70, 80]) ==> return (120, 140)

***Explanation***:

***The first element*** 120 is *the total weight of team 1*, and ***the second element*** 140 is *the total weight of team 2*.

3- rowWeights([80]) ==> return (80, 0)

***Explanation***:

***The first element*** 80 is *the total weight of team 1*, and ***the second element*** 0 is *the total weight of team 2*.

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ALL translations are welcomed

Enjoy Learning !!

**Zizou**

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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[] RowWeights(int[] a)

{

int equipo1 = 0, equipo2 = 0;

int i;

for( i =1; i<a.Length; i+=2)

{

equipo1 += a[i - 1];

equipo2 += a[i];

}

if (i <= a.Length) equipo1 += a[a.Length - 1];

return new int[] { equipo1, equipo2 };

}

static void Main(string[] args)

{

int[] arr = { 50, 60, 70, 80};

foreach(int item in RowWeights( arr))

{

Console.Write(item + " ");

}

Console.ReadLine();

}

}

}