**Calculate Two People's Individual Ages**

7287% *of* 647 *of* 166[AseelM](https://www.codewars.com/users/AseelM)

C#

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Create a function that takes in the sum and age difference of two people, calculates their individual ages and returns the result as an array of the following format: [olderAge, youngerAge]. Return null if:

1. sum < 0
2. difference < 0
3. either of the calculated ages come out to be negative

Fundamentals

Arithmetic

Mathematics

Algorithms

Numbers

Arrays

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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

public static double[] GetAges(int sum, int difference)

{

if (sum < 0 || difference < 0) return null;

double b = (sum - difference) / 2.0;

double a = difference + b;

if (a < 0 || b < 0) return null;

return new double[] { a, b };

}

static void Main(string[] args)

{

double[] res = GetAges(63, 14);

Console.WriteLine(res[0] + " " + res[1]);

Console.ReadLine();

}

}

}