R2

The number SS is called the mean of two numbers R1R1 and R2R2 if SS is equal to (R1+R2)/2(R1+R2)/2. Mirko’s birthday present for Slavko was two integers R1R1 and R2R2. Slavko promptly calculated their mean which also happened to be an integer but then lost R2R2! Help Slavko restore R2R2.

**Input**

The first and only line of input contains two integers R1R1 and SS, both between −1000−1000 and 10001000.

**Output**

Output R2R2 on a single line.

|  |  |
| --- | --- |
| **Sample Input 1** | **Sample Output 1** |
| 11 15 | 19 |

|  |  |
| --- | --- |
| **Sample Input 2** | **Sample Output 2** |
| 4 3 | 2 |

<https://open.kattis.com/problems/r2>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

string[] input = Console.ReadLine().Trim().Split(' ');

int r = int.Parse(input[0]);

int s = int.Parse(input[1]);

Console.WriteLine(2 \* s - r);

Console.ReadLine();

}

}

}