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Points: 1507.97 Rank: 11251

Compare the Triplets

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Problem

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Editorial

Alice and Bob each created one problem for HackerRank. A reviewer rates the two challenges, awarding points on a scale from **1** to **100** for three categories: *problem clarity*, *originality*, and *difficulty*.

We define the rating for Alice's challenge to be the triplet $A = (a_0, a_1, a_2)$, and the rating for Bob's challenge to be the triplet $B = (b_0, b_1, b_2)$.

Your task is to find their *comparison scores* by comparing a_0 with b_0 , a_1 with b_1 , and a_2 with b_2 .

- If $a_i > b_i$, then Alice is awarded **1** point.
- If $a_i < b_i$, then Bob is awarded **1** point.
- If $a_i = b_i$, then neither person receives a point.

Given A and B , can you compare the two challenges and print their respective comparison points?

Input Format

The first line contains **3** space-separated integers, a_0 , a_1 , and a_2 , describing the respective values in triplet A .
The second line contains **3** space-separated integers, b_0 , b_1 , and b_2 , describing the respective values in triplet B .

Constraints

- $1 \leq a_i \leq 100$
- $1 \leq b_i \leq 100$

Output Format

Print two space-separated integers denoting the respective comparison scores earned by Alice and Bob.

Sample Input

```
5 6 7
3 6 10
```

Sample Output

```
1 1
```

Explanation

In this example:

- $A = (a_0, a_1, a_2) = (5, 6, 7)$
- $B = (b_0, b_1, b_2) = (3, 6, 10)$

Now, let's compare each individual score:

- $a_0 > b_0$, so Alice receives **1** point.
- $a_1 = b_1$, so nobody receives a point.
- $a_2 < b_2$, so Bob receives **1** point.

Alice's comparison score is **1**, and Bob's comparison score is **1**. Thus, we print **1 1** (Alice's comparison score followed by Bob's comparison score) on a single line.



Submissions: 119270

Max Score: 10

Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

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C#



```
1 using System;
2 using System.Collections.Generic;
3 using System.IO;
4 using System.Linq;
5 class Solution {
6
7     static void Main(String[] args) {
8         string[] tokens_a0 = Console.ReadLine().Split(' ');
9         int a0 = Convert.ToInt32(tokens_a0[0]);
10        int a1 = Convert.ToInt32(tokens_a0[1]);
11        int a2 = Convert.ToInt32(tokens_a0[2]);
12        string[] tokens_b0 = Console.ReadLine().Split(' ');
13        int b0 = Convert.ToInt32(tokens_b0[0]);
14        int b1 = Convert.ToInt32(tokens_b0[1]);
15        int b2 = Convert.ToInt32(tokens_b0[2]);
16
17        int puntos_alice = 0, puntos_bob = 0;
18
19        int[] alice = { a0, a1, a2 };
20        int[] bob = { b0, b1, b2 };
21
22        for (int i = 0; i < 3; i++)
23        {
24            puntos_alice += (alice[i] > bob[i]) ? 1 : 0;
25            puntos_bob += (bob[i] > alice[i]) ? 1 : 0;
26        }
27
28        Console.WriteLine(puntos_alice + " " + puntos_bob);
29
30    }
31 }
32
33 }
```

Line: 26 Col: 10

 [Upload Code as File](#)☐ Test against custom input[Run Code](#)[Submit Code](#)

Congrats, you solved this challenge!

✓ Test Case #0

✓ Test Case #3

✓ Test Case #6

✓ Test Case #1

✓ Test Case #4

✓ Test Case #2

✓ Test Case #5

[Next Challenge](#)

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