



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 points* 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.

Comparison points is the total points a person earned.

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 points 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.

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Submissions: 259947

Max Score: 10


Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

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Current Buffer (saved locally, editable)  

Go

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```
1 package main
2
3 import "fmt"
4
5 func main() {
6     a, b := ReadArrays()
7     sa, sb := CompareIt(a, b)
8     fmt.Printf("%d %d", sa, sb)
9 }
10
11 func CompareIt(a, b []int) (int, int) {
12     var scoreA int
13     var scoreB int
14
15     for i := 0; i < 3; i++ {
16         if a[i] > b[i] {
17             scoreA += 1
18         } else if b[i] > a[i] {
19             scoreB += 1
20         }
21     }
22     return scoreA, scoreB
23 }
24
25 func ReadArrays() ([]int, []int) {
26     a := make([]int, 3)
27     for i := range a {
28         fmt.Scanf("%d", &a[i])
29     }
30     b := make([]int, 3)
31     for i := range b {
32         fmt.Scanf("%d", &b[i])
33     }
34     return a, b
35 }
```

Line: 1 Col: 1

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