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Points: 826 Rank: 46492

Compare the Triplets

 by [Shafaet](#)[Problem](#)[Submissions](#)[Leaderboard](#)[Discussions](#)[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.

Submissions:351853



Max Score:10

Difficulty: Easy

Rate This Challenge:



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Current Buffer (saved locally, editable)  

C++



```
1 ▼ #include <bits/stdc++.h>
2
3  using namespace std;
4
5 ▼ vector < int > solve(int a0, int a1, int a2, int b0, int b1, int b2){
6     // Complete this function
7 }
8
9 ▼ int main() {
10     int a0;
11     int a1;
12     int a2;
13     cin >> a0 >> a1 >> a2;
14     int b0;
15     int b1;
16     int b2;
17     cin >> b0 >> b1 >> b2;
18     vector < int > result = solve(a0, a1, a2, b0, b1, b2);
19 ▼     for (ssize_t i = 0; i < result.size(); i++) {
20 ▼         cout << result[i] << (i != result.size() - 1 ? " " : "");
21     }
22     cout << endl;
23
24
25     return 0;
26 }
27
```

Line: 1 Col: 1

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