



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.

f t in

Submissions: [317619](#)


Max Score: 10



Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

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Current Buffer (saved locally, editable)  

Java 7  

```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     static int[] solve(int a0, int a1, int a2, int b0, int b1, int b2){
10         // Complete this function
11     }
12
13     public static void main(String[] args) {
14         Scanner in = new Scanner(System.in);
15         int a0 = in.nextInt();
16         int a1 = in.nextInt();
17         int a2 = in.nextInt();
18         int b0 = in.nextInt();
19         int b1 = in.nextInt();
20         int b2 = in.nextInt();
21         int[] result = solve(a0, a1, a2, b0, b1, b2);
22         for (int i = 0; i < result.length; i++) {
23             System.out.print(result[i] + (i != result.length - 1 ? " " : ""));
24         }
25         System.out.println("");
26
27     }
28 }
29
30
```

Line: 1 Col: 1

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

Run Code

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