Compare the Triplets

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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:317821

Max Score:10

Difficulty: Easy

Rate This Challenge:

More

Current Buffer (saved locally, editable)

Java 7

```
import java.io.*;
import java.util.*;
import java.text.*;
import java.math.*;
import java.util.regex.*;

public class Solution {

    static int[] solve(int a0, int a1, int a2, int b0, int b1, int b2){
        // Complete this function
    }

    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);
        int a0 = in.nextInt();
        int a1 = in.nextInt();
        int a2 = in.nextInt();
        int b0 = in.nextInt();
        int b1 = in.nextInt();
        int b2 = in.nextInt();
        int[] result = solve(a0, a1, a2, b0, b1, b2);
        for (int i = 0; i < result.length; i++) {
            System.out.print(result[i] + (i != result.length - 1 ? " " : ""));
        }
        System.out.println("");


    }
}

```

Line: 1 Col: 1

Upload Code as File Test against custom input Run Code Submit Code