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Buritomath

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Badge Progress [\(Details\)](#)

Points: 166.00 Rank: 175014

Compare the Triplets

by Shafaet

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: [191510](#)

Max Score: 10

Difficulty: Easy

Rate This Challenge:

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JavaScript



```
1 process.stdin.resume();
2 process.stdin.setEncoding('ascii');
3
4 var input_stdin = "";
5 var input_stdin_array = "";
6 var input_currentline = 0;
7
8 process.stdin.on('data', function (data) {
9     input_stdin += data;
10 });
11
12 process.stdin.on('end', function () {
13     input_stdin_array = input_stdin.split("\n");
14     main();
15 });
16
17 function readLine() {
18     return input_stdin_array[input_currentline++];
19 }
20
21 /////////////// ignore above this line ///////////////
22
23 function getpts(a, b) {
24     return a > b ? 1 : a < b ? 2 : 0;
25 }
26
27 function main() {
28     var a0_temp = readLine().split(' ');
29     var a0 = parseInt(a0_temp[0]);
30     var a1 = parseInt(a0_temp[1]);
31     var a2 = parseInt(a0_temp[2]);
32     var b0_temp = readLine().split(' ');
33     var b0 = parseInt(b0_temp[0]);
34     var b1 = parseInt(b0_temp[1]);
35     var b2 = parseInt(b0_temp[2]);
36     var pts=[0,0,0];
37     pts[getpts(a0,b0)]++;
38     pts[getpts(a1,b1)]++;
39     pts[getpts(a2,b2)]++;
40     console.log(pts[1] + ' ' + pts[2]);
41 }
```

Line: 1 Col: 1

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