



All Domains > Algorithms > Warmup > Compare the Triplets

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

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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 scores* 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.

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 scores 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: 78585

Max Score: 10

Difficulty: Easy

Rate This Challenge:



[More](#)

Current Buffer (saved locally, editable) Python 2

```
1  #!/bin/python
2
3  import sys
4
5
6  a0,a1,a2 = raw_input().strip().split(' ')
7  a0,a1,a2 = [int(a0),int(a1),int(a2)]
8  b0,b1,b2 = raw_input().strip().split(' ')
9  b0,b1,b2 = [int(b0),int(b1),int(b2)]
10 alice = 0
11 bob = 0
12
13 if a0>b0:
14     alice+=1
15 elif a0<b0:
16     bob+=1
17 else:
18     alice+=0
19     bob+=0
20
21 if a1>b1:
22     alice+=1
23 elif a1<b1:
24     bob+=1
25 else:
26     alice+=0
27     bob+=0
28
29 if a2>b2:
30     alice+=1
31 elif a2<b2:
32     bob+=1
33 else:
34     alice+=0
35     bob+=0
36
37 print("{0} {1}" .format(alice,bob))
```

Line: 37 Col: 37

Upload Code as File Test against custom input

Run Code

Submit Code

Testcase 0

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run you code against all the test cases.

Input (stdin)

```
5 6 7
3 6 10
```

Your Output (stdout)

```
1 1
```

Expected Output

```
1 1
```

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