



QUESTION 1

Alice and Bob each created one problem for an exam. A reviewer rates the two challenges, awarding points on a scale from 1 to 100 for three categories: problem clarity, originality, and difficulty.

The rating for Alice's challenge is the triplet $a = (a[0], a[1], a[2])$, and the rating for Bob's challenge is the triplet $b = (b[0], b[1], b[2])$.

The 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 , determine their respective comparison points.

Example

$a = [1, 2, 3]$

$b = [3, 2, 1]$

- For elements $*0*$, Bob is awarded a point because $a[0] < b[0]$.
- For the equal elements $a[1]$ and $b[1]$, no points are earned.
- Finally, for elements 2, $a[2] > b[2]$ so Alice receives a point.

The return array is $[1, 1]$ with Alice's score first and Bob's second.

Function Description

Complete the function *compareTriplets* in the editor below.

compareTriplets has the following parameter(s):

- `int a[3]`: Alice's challenge rating

- `int b[3]`: Bob's challenge rating

Return

- `int[2]`: Alice's score is in the first position, and Bob's score is in the second.

Input Format

The first line contains 3 space-separated integers, `a[0]`, `a[1]`, and `a[2]`, the respective values in triplet `a`. The second line contains 3 space-separated integers, `b[0]`, `b[1]`, and `b[2]`, the respective values in triplet `b`.

Constraints

- $1 \leq a[i] \leq 100$
- $1 \leq b[i] \leq 100$

Sample Input 0

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

Sample Output 0

```
1 1
```

Explanation 0

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 return the array `[1,1]`.

Sample Input 1

```
17 28 30
99 16 8
```

Sample Output 1

```
2 1
```