

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:

- 1) problem clarity
- 2) originality
- 3) 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

