**Suallar**

1. **reduce istifade etmeden sum of array**
2. **Massivin max ve minimum elementini tap – Math.min() ve Math.max() istifade etmeden**
3. **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.**

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] .
* 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.

1. **Given an array of integers, calculate the ratios of its elements that are positive, negative, and zero. Print the decimal value of each fraction on a new line with  places after the decimal.**

**Note:** This challenge introduces precision problems. The test cases are scaled to six decimal places, though answers with absolute error of up to  are acceptable.

**Example**

**arr = [1, 1, 0, -1, -1]**

There are  elements, two positive, two negative and one zero. Their ratios are ,  and . Results are printed as:

0.400000

0.400000

0.200000

**Function Description**

Complete the plusMinus function in the editor below.

plusMinus has the following parameter(s):

* int arr[n]: an array of integers

**Print** Print the ratios of positive, negative and zero values in the array. Each value should be printed on a separate line with  digits after the decimal. The function should not return a value.

1. **Given a square matrix, calculate the absolute difference between the sums of its diagonals.**

For example, the square matrix  is shown below:

1 2 3

4 5 6

9 8 9

The left-to-right diagonal = . The right to left diagonal = . Their absolute difference is .

**Function description**

Complete the  function in the editor below.

diagonalDifference takes the following parameter:

* int arr[n][m]: an array of integers

**Return**

* int: the absolute diagonal difference

**Input Format**

The first line contains a single integer, , the number of rows and columns in the square matrix . Each of the next  lines describes a row, , and consists of  space-separated integers .

**Constraints**

**Output Format**

Return the absolute difference between the sums of the matrix's two diagonals as a single integer.

**Sample Input**

3

11 2 4

4 5 6

10 8 -12

**Sample Output**

15

1. **This is a staircase of size :**

Its base and height are both equal to . It is drawn using # symbols and spaces. *The last line is not preceded by any spaces.*

Write a program that prints a staircase of size .

**Function Description**

Complete the *staircase* function in the editor below.

staircase has the following parameter(s):

* *int n*: an integer

**Print**

Print a staircase as described above.

**Input Format**

A single integer, , denoting the size of the staircase.

**Constraints**

 .

**Output Format**

Print a staircase of size  using # symbols and spaces.

**Note**: The last line must have  spaces in it.

**Sample Input**

6

**Sample Output**

#

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