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The Missing Number AZ101

? Ask Doubt

Time-Limit: 1 sec Score: 100.00/100 Difficulty :

Memory: 256 MB Accepted Submissions: 100

Description

You are given an array A. One random element is removed from A to form array B and one random element is removed from B to form array C. You have to find the missing element in B and the missing element in C.

Input Format

The first line of the input contains one integer T - the number of test cases. Then T test cases follow.

The first line of each test case contains one integer N - the length of the array.

The second line of each test case contains N space-separated integers - array A.

The third line of each test case contains (N-1) space-separated integers - array B.

The fourth line of each test case contains (N-2) space-separated integers - array C.

Output Format

For each test case, print the missing element in B and the missing element in C.

Constraints

$1 \le T \le 10^6$

$2 \le N \le 10^6$

It is guaranteed that the sum of N over all the test cases does not exceed 10^6.

$0 \le A_i \le 10^9$

Sample Input 1

Copy

```
3
4
1 3 5 2
5 1 3
5 1
5
1 3 5 1 0
3 1 1 5
1 1 5
3
1 2 3
```

C++14[GCC]

Submit

```
1
```