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Rotated Sorted Array

? Ask Doubt

Time-Limit: 2 sec Score: 100.00/100 Difficulty :

Memory: 256 MB Accepted Submissions: 100 Relevant For: AZ-201

Description

Given a rotated sorted array. Find the index of the minimum element in the array.

All the elements are distinct.

Input Format

The first line contains *T*, the number of test cases (*1<=T<=10000*).

The first line contains an integer *N* where 1<=*N*<=*10^5*.

The second line contains *N* space-separated integers $A_1,A_2....A_N$ where *-1e9<=Ai<=1e9*.

Sum of *N* over all test cases ≤*10^6*.

Output Format

For each test case print the index of the minimum element in the array.

0-indexed.

Sample Input 1

Copy

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

Sample Output 1

Copy

C++14[GCC]

Submit

```
1
```