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STUDENT REPORT

FOZ

DETAILS

Name

Syed Rahamatulla

Roll Number ্র

3BR23ME021

EXPERIMEN

MEOS **Title**

PEAK ELEMENT FINDER

Description

Description: You are given an N- dimensional array arr[]. A peak element in the array is defined as an element whose value is greater than or equal to its neighboring elements (if they exist). Your task is to find the index of any peak element in the given array

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Note: use 0-based indexing

Input:

An integer representing the number of elements in the array. N space-separated integers, denoting the elements of the array.

N space-separated integers ,denoting the elements of the array arr[]

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Sample Input:

5

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1 3 20 4 1

Sample Output:

2

38R23MEO21 38R23MEO21 38R23MEO2 3BR23ME021 38R23ME02138R23ME021

38R23MLO21 38R23MEO21 https://practice.reinprep.com/student/get-report/304227c2-7d0f-11ef-ae9a-0e411ed3c76b

```
3BR23ME021-Peak Element Finder
    n=int(input())
    l=list(map(int,input().split()))
    mx=0
    for i in range(0,n):
        if i==0:
            if l[i]>l[i+1]:
                mx=i
                break
        elif i==(len(l))-1:
            if l[i]>=l[i-1]:
                mx=i
                break
        else:
            if l[i]>=l[i+1] and l[i]>=l[i-1]:
                mx=i
                                                                                                            ~38R23MEQ2 ~38R
                break
    print(mx)
RESULT
  5 / 5 Test Cases Passed | 100 \%
```