001



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600

### STUDENT REPORT

182.

## DETAILS

## Name Name

A SHARANA

### Roll Number 4

KUB23ECE001

### **EXPERIMENT**

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

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.

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

### **Sample Input:**

5

00, FIBS

1 3 20 4 1

### **Sample Output:**

2

# # LUB23ECE001 KUB23ECE001 KNB53FCF001 KNB53FCF001 KNB53FCF001

W1823ECHOO1 KUR23ECHOO1 KUR23E FEOOT WIR 23 FC FOOT https://practice.reinprep.com/student/get-report/bde40fbf-7b4f-11ef-ae9a-0e411ed3c76b

```
KUB23ECE001-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(1))-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
              break
                                                                                             23ECF001 KUB23E
    print(mx)
RESULT
  5 / 5 Test Cases Passed | 100 %
```