SYLV



STUDENT REPORT

12

DETAILS

Name

H M Karthik

Roll Number %

22B124ME472-T

EXPERIMEN

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

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.

22872AMEA72. 72872AMEA72. 72872AMEA72. 72872AMEA

22812AMEA12. 72812AMEA12. 722812AMEA12. 722812AMEA12. 72812AMEA12. 728

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

£417

28/7

Sample Input:

5

1 3 20 4 1

Sample Output:

2

22812ANEA12.1

Source Code:

22872AMEA72.7 22 76b https://practice.reinprep.com/student/get-report/8c3fd829-7b56-11ef-ae9a-0e411ed3c76b

```
22B124ME472-T-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
               break
                                                                                                      print(mx)
RESULT
 5 / 5 Test Cases Passed | 100 \%
```

https://practice.reinprep.com/student/get-report/8c3fd829-7b56-11ef-ae9a-0e411ed3c76b