STUDENT REPORT

DETAILS

Name

HARISH SHARANAPPA PATIL

AISH SHA

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.

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

CAO3"

63BY

2230

Sample Input:

5

132041

Sample Output:

RESULT

5 / 5 Test Cases Passed | 100 %

230

- KO3'5

Source Code:

Roll Number

3BR23CA035

```
def find_peak_element(arr):
  n = len(arr)
  if n == 1:
    return 0
  if arr[0] > arr[1]:
    return 0
  if arr[n - 1] > arr[n - 2]:
    return n - 1
  for i in range(1, n - 1):
    if arr[i] > arr[i - 1] and arr[i] > arr[i +
      return i
  return -1
n = int(input())
arr = list(map(int, input().split()))
index = find_peak_element(arr)
if index != -1:
 print(index)
else:
  print("No peak element found.")
```

CRO3

SBY