

STUDENT REPORT

*<u>C</u>

DETAILS

Name

BANDU BHAI MOHAMMED EISSA

Roll Number

TEMPBTech-ECE002

Title

Croos

202

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.

TEMP8 Tech. LC EDO2 TEMP8

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

Sample Input:

5

1 3 20 4 1

Sample Output:

2

TEMP Blech ECEO 2

ECHOOZ TEMPBTECH. ECHOOZ TEMPBTECH. ECHOOZ TEMPB TEMPBTech. ECEOO2 TEMPBTech. ECEOO2 TEM ECEOO2 LEW BLECH, ECHOO2 LEW BE

ed3c76h TEMPBEECH, ECHOOR TEMPBEECH, E https://practice.reinprep.com/student/get-report/d9d5757f-7d46-11ef-ae9a-0e411ed3c76b

PB/E

10 / 1

Jez

Tech, Leto of Temps deed, Leto of Temps deed,

```
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 + 1]:
      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.")
```

5 / 5 Test Cases Passed | 100 %

RBIO

ENPR

~~

EN.

-02

25