STUDENT REPORT

DETAILS

Name

AYESHA SADIYA

EXPERIMENT Title

Title

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

An integer representing the number of elements in the

array arr[]

Sample Input:

5

Sample Output:

RESULT

5 / 5 Test Cases Passed | 100 %

MPB

Roll Number

TEMPBTech-EEE129

Source Code:

287

```
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.")
```

.4.70

REAK ELEMENT FINDER Description

Description: You are given an N- dimensional array arr[]. A in the given array

Note: use 0-based indexing

Input:

array. N space-separated integers, denoting the elements of the array.

N space-separated integers ,denoting the elements of the

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-NPB1.

KEMP.

LEW.