```
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.")
```

RESULT

5 / 5 Test Cases Passed | 100 %

EE093

36,

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5000

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