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	PEAK ELEMENT FINDER
×3BR235	SPERIMENT A SHEAR
×	Description: You are given an N- dimensional array arr[]. A peak element in the array is defined as an element whose value is greater
-01	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
273ECO1	Note: use 0-based indexing
	Input:
CO1438	An integer representing the number of elements in the array. N space-separated integers, denoting the elements of the array.
ČO,	N space-separated integers ,denoting the elements of the array arr[]
	Sample Input:
×38R235	5
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0	Sample Output:
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	Source Code: So
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def 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=peak_element(arr)
   if index!=-1:
       print(index)
                                                                                                 LCOT. ASBERS
   else:
       print("No peak element found")
RESULT
 5 / 5 Test Cases Passed | 100 \%
```