Q Search   shariprakashece ⌄

All Contests > stage_3 > Find k value and Remaining Elements

Find k value and Remaining Elements

Problem	Submissions	Leaderboard	Discussions

In the program, your tasks are to find K value and remaining elements(When the number of elements is lesser than K value). **You can assume that the arrays elements are sorted and contiguous before reversing by K range.** *Contiguous -> Current Element = 1 + Previous Element.*

Example:

Input: 3 2 1 6 5 4 8 7

Output:

3 -> K value

8 7 -> Remaining Elements(Number of Remaining elements is lesser than K value).

Explanation:

Here, input is 3 2 1 6 5 4 8 7. Initially, You can assume that the array was 1 2 3 4 5 6 7 8 (Sorted and Contiguous). After reversing by K range, it has modified into 3 2 1 6 5 4 8 7. In the Program, You are going to do Inverse process.

NOTE: if there is no remaining elements, you should print "*No Remaining Elements*".

Input Format

N, Array -> Integer

Constraints

1<=N<=1000

-10000<=Array[i]<=10000

Output Format

Print K and remaining elements.

Sample Input 0

```
8
3 2 1 6 5 4 8 7
```

Sample Output 0

```
3
8 7
```

Sample Input 1

```
8
7 6 5 4 11 10 9 8
```

Sample Output 1

```
4
No Remaining Elements
```

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Submissions: 30
Max Score: 100
Difficulty: Medium

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More

```
                                                      C            ⌄         ⤢    ⚙
```

```c
1  #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6  int main() {
7
8      int n,i,a[100],temp=0,range=0;
9      scanf("%d",&n);
10
11     for(i=0;i<n;i++)
12         scanf("%d",&a[i]);
13
14     for(i=0;i<n;i++)
15     {
16         if(a[i]-a[i+1]!=1)
17         {
18             temp=i+1;
19             break;
20         }
21     }
22
23     range=n%temp;
24     printf("%d\n",temp);
25     if(range==0)
26     {
27         printf("No Remaining Elements");
28         return 0;
29     }
30     for(i=0;i<range;i++)
31     {
32         printf("%d ",a[n-range+i]);
33     }
34
35     return 0;
36
37  }
38
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input

Run Code   Submit Code