71 : 11 : 34 Finish test

Learn how your code will be evaluated (https://helpcenter.mymapit.in/?ht_kb=things-to-know-before-attempting-the-test) | Utility codes for quick start (https://helpcenter.mymapit.in/?page_id=871)

Section - 1

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Check Array Rotation

You have been given an integer array (ARR) of size N. It has been sorted (in increasing order) and then rotated by some number 'K' in the right-hand direction.

Your task is to write a function that returns the value of 'K', which means, the index from which the array/list has been rotated.

Input format :

The first line contains an integer 'N' representing the size of the array/list.

The second line contains 'N' single space-separated integers representing the elements in the array.

Output Format :

Print the value of 'K' or the index from which the array has been rotated.

C (gcc 4.8.3) ▶ Compile & Run O/P »

```c
#include<stdio.h>
#include<limits.h>

int main(){

    // input
    int n;
    scanf("%d",&n);
    int arr[n];
    int i;
    for(i=0 ; i < n; i++)
        scanf("%d",&arr[i]);

    // calcultion :-
    // find the min elements index in the array and that is our ans
    int minEle = arr[0]; // initially
    int minEleIndex = 0;

    for(i=0; i < n; i++){
        if(arr[i] < minEle){
            minEle = arr[i];
            minEleIndex = i;
        }
    }

    // output
    printf("%d",minEleIndex);
}
```

x