

1752. Check if array is sorted and rotated

$[1, 2, 3, 4, 5]$ sorted and rotated
 $x = 0$ times

$[3, 4, 5, 1, 2]$ sorted and rotated
 $x = 3$ times

$cnt = 0$

if $arr[i] > arr[i+1]$

comp	cnt
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$1 \rightarrow 2$	0
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$2 \rightarrow 3$	0
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$3 \rightarrow 4$	0
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$4 \rightarrow 5$	0
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$5 \rightarrow 1$	1 \Rightarrow to check
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$arr[i] > arr[(i+1) \% n]$

$arr[4] > arr[5 \% 5]$
 $arr[0]$

o) cnt ≤ 1 true

```
</> Code
C++ v Auto

1 class Solution {
2 public:
3     bool check(vector<int>& nums) {
4         int cnt=0;
5         int n=nums.size();
6         for(int i=0;i<nums.size();i++){
7             if(nums[i]>nums[(i+1)%n])
8                 cnt++;
9         }
10        if(cnt==0 || cnt==1)
11            return true;
12        return false;
13    }
14 };

Saved
```