

Problem List

DescriptionEditorialSolutionsSubmissions

1150. Check If a Number Is Majority Element in a Sorted Array

Solved

Premium

EasyTopicsCompaniesHint

Given an integer array `nums` sorted in non-decreasing order and an integer `target`, return `true` if `target` is a **majority element**, or `false` otherwise.

A **majority** element in an array `nums` is an element that appears more than `nums.length / 2` times in the array.

Example 1:

Input: `nums = [2,4,5,5,5,5,6,6]`, `target = 5`

Output: `true`

Explanation: The value 5 appears 5 times and the length of the array is 9. Thus, 5 is a majority element because $5 > 9/2$ is true.

Example 2:

Input: `nums = [10,100,101,101]`, `target = 101`

Output: `false`

Explanation: The value 101 appears 2 times and the length of the array is 4. Thus, 101 is not a majority element because $2 > 4/2$ is false.

Constraints:

1

\leq

`nums.length`

\leq

1000

1

\leq

`nums[i]`

\leq

10⁹

`nums`

is sorted in non-decreasing order.

Seen this question in a real interview before? 1/5

YesNo

Accepted 48.8KSubmissions 82.9KAcceptance Rate 58.8%

TopicsCompaniesHint 1Hint 2Hint 3Hint 4Similar QuestionsDiscussion (6)

Copyright © 2024 LeetCode All rights reserved

4526

</> Code

Python3Auto

```
1 class Solution:
2     def isMajorityElement(self, nums: List[int], target: int) -> bool:
3
4         count = nums.count(target)
5
6         if count > (len(nums)/2):
7             return True
8         else:
9             return False
10
```

Ln 10, Col 9

< Testcase >_ Test Result

Case 1Case 2+

nums =

[2,4,5,5,5,5,6,6]

target =

5

</> Source