

Description

Solution

Submissions

Discuss (160)

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

Easy

👍 91

💬 18

❤️ Add to List

🔗 Share

Given an array `nums` sorted in **non-decreasing** order, and a number `target`, return `True` if and only if `target` is a majority element.

A *majority element* is an element that appears **more than** $N/2$ times in an array of length `N`.

Example 1:

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

Note:

1. $1 \leq \text{nums.length} \leq 1000$

2. $1 \leq \text{nums}[i] \leq 10^9$

3. $1 \leq \text{target} \leq 10^9$

Accepted 10,712 | Submissions 17,855

Seen this question in a real interview before?

Contributor

Companies 🔒 *i*

Related Topics

Similar Questions

Show Hint 1

Show Hint 2

Show Hint 3

Show Hint 4