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169. Majority Element

Easy
5883
276
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Given an array `nums` of size `n`, return the majority element.

The majority element is the element that appears more than $\lfloor n / 2 \rfloor$ times. You may assume that the majority element always exists in the array.

Example 1:

Input: `nums = [3,2,3]`

Output: 3

Example 2:

Input: `nums = [2,2,1,1,1,2,2]`

Output: 2

Constraints:

- `n == nums.length`
- `1 <= n <= 5 * 104`
- `-231 <= nums[i] <= 231 - 1`

Follow-up: Could you solve the problem in linear time and in $O(1)$ space?

Accepted 906,141 | Submissions 1,488,595

Seen this question in a real interview before?

Yes

No

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```

1 class Solution:
2     def majorityElement(self, nums: List[int]) -> int:
3
4         comp = len(nums)/2
5
6         di = collections.Counter(nums)
7
8         for k,v in di.items():
9             if v > comp:
10                return k

```

Testcase

Run Code Result

Debugger

Accepted

Runtime: 53 ms

Your input

[3,2,3]

Output

3

Diff

Expected

3

Console

Use Example Testcases

Run Code

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Problems

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