

Description Editorial Solutions Submissions

169. Majority Element

Solved

Easy Topics

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`

22.4K 504 483 Online

Code

Java Auto

```
1 class Solution {
2     public int majorityElement(int[] nums) {
3
4         int n = nums.length;
5         int count = 0;
6         int candidate = -1;
7
8         for (int num : nums) {
9             if (count == 0) {
10                 candidate = num;
11                 count = 1;
12             }
13             else if (num == candidate) {
14                 count++;
15             }
16         }
17     }
```

Saved

Testcase Test Result

Case 1 Case 2 +

nums =
[3,2,3]

Source