[Majority Element - LeetCode](https://leetcode.com/problems/majority-element/solutions/127412/majority-element/?orderBy=hot)

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169. Majority Element

Easy

12.4K

400

Companies

Given an array nums of size n, return *the majority element*.

The majority element is the element that appears more than ⌊n / 2⌋ 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

class Solution {

    public int majorityElement(int[] nums) {

int count = 0;

        int first  = nums[0];

        for(int i = 0;i<nums.length;i++)

        {

            if(count ==0){

        first = nums[0];

        count++;

            }

            else if(first ==nums[i]){

            count++;

            }

            else{

                count--;

            }

        }

    return first;

    }

}