

136. Single Number

Easy  Topics  Companies

Given a **non-empty** array of integers `nums`, every element appears *twice* except for one. Find that single one.

You must implement a solution with a linear runtime complexity and use only constant extra space.

Example 1:

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

Example 2:

Input: `nums = [4,1,2,1,2]`
Output: `4`

Example 3:

Input: `nums = [1]`
Output: `1`

Constraints:

- `1 <= nums.length <= 3 * 104`
- `-3 * 104 <= nums[i] <= 3 * 104`
- Each element in the array appears twice except for one element which appears only once.

Seen this question in a real interview before? 1/4

☒ Yes ☐ No

Accepted **2.6M** Submissions **3.6M** Acceptance Rate **72.3%**

 Topics

 Companies

 Similar Questions

 Discussion (111)