136. Single Number

Easy 13323 512 Add to List Share

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 * 10^4`
- `-3 * 10^4 <= nums[i] <= 3 * 10^4`
- Each element in the array appears twice except for one element which appears only once.

Accepted 2,099,286 Submissions 2,972,955

Seen this question in a real interview before? Yes No

Companies

Related Topics

Similar Questions

C++ Autocomplete

```cpp
class Solution {
public:
    int singleNumber(vector<int>& nums) {

    }
};
```

NEW