@LeetCode

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

Note:

Your algorithm should have a linear runtime complexity. Could you implement it without using extra memory?

Example 1:

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

Output: 1
```

Example 2:

```
Input: [4,1,2,1,2]

Output: 4
```