



# 84. Single Number

时间限制 1000 ms    内存限制 65536 KB

## 题目描述

Given an array with  $N$  integers where all elements appear three times except for one. Find out the one which appears only once.

## 输入格式

Several test cases are given, terminated by EOF.

Each test case consists of two lines. The first line gives the length of array  $N(1 \leq N \leq 10^5)$ , and the other line describes the  $N$  elements. All elements are ranged in  $[0, 2^{63} - 1]$ .

## 输出格式

Output the answer for each test case, one per line.

## 输入样例

```
4
1 1 1 3
10
1 2 3 1 2 3 1 2 3 4
```

## 输出样例

```
3
4
```

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