



## Problem D. Unique Element

Time limit: 1 second

Memory limit: 256 megabytes

input: standard input

output: standard output

You are given an **odd** integer  $n$  along with a sequence  $a_1, a_2, \dots, a_n$ . There is one element occurs only once. Your task is to find it.

### Input

The first line contains one odd integer  $n$  ( $1 \leq n < 10^5$ ).

The second line contains  $n$  integers  $a_1, a_2, \dots, a_n$  ( $-1000 \leq a_i \leq 1000$ ), indicating the given sequence.

### Output

Print the unique one element.

### Example

standard input	standard output
5 1 1 1 2 1	2