There are *N* integers in an array *A*. All but one integer occur in pairs. Your task is to find out the number that occurs only once.

**Input Format**

The first line of the input contains an integer *N* indicating number of integers.   
The next line contains *N* space separated integers that form the array *A*.

**Constraints**

1 <= *N* < 100   
*N* % 2 = 1 ( *N* is an odd number )   
0 <= *A[i]* <= 100, ∀ *i ∈ [1, N]*

**Output Format**

Output *S*, the number that occurs only once.

**Sample Input:1**

1

1

**Sample Output:1**

1

**Sample Input:2**

3

1 1 2

**Sample Output:2**

2

**Sample Input:3**

5

0 0 1 2 1

**Sample Output:3**

2

**Explanation**

In the first input, we see only 1 element and that element is the answer (1).   
In the second input, we see 3 elements, 1 is repeated twice. The element that occurs only once is 2.   
In the third input, we see 5 elements, 1 and 0 are repeated twice. And the element that occurs only once is 2.