Find the Unique

You are given a list of n integers, and your task is to calculate the number of distinct values in the list.

Input Format

The first input line has an integer n: the number of values.

The second line has n integers $x_1, x_2, \ldots, x_n$

Constraints

- $1 \leq n \leq 2 \times 10^2$
- $1 \leq x_i \leq 10^9$

Output Format

Print one integers: the number of distinct values.

Sample Input 0

```
10
1 1 1 1 1 1 1 1 1 1
```

Sample Output 0

```
1
```

Sample Input 1

```
10
7 4 10 9 6 1 8 2 5 3
```

Sample Output 1

```
10
```