

Unique Numbers

Given N integers. Output the number of distinct numbers from the given N integers.

Format Input

The first line consists on an integer N. The second line consists of N integers.

Format Output

Output an integers denoting the number of distinct integers from the given N integers.

Constraints

- $1 \le N \le 3 \times 10^4$
- All integers are between 1 and 10⁹

Sample Input 1 (standard input)

5 1 2 1 1 3

Sample Output 1 (standard output)

3

Explanation

There are 3 distinct integers, which are 1, 2, and 3.

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Unique Numbers

Diberikan N buah bilangan bulat. Tentukan berapa banyak bilangan bulat berbeda dari N buah bilangan tersebut.

Format Input

Baris pertama berisi sebuah bilangan N. Baris kedua berisi N buah bilangan.

Format Output

Keluarkan sebuah bilangan yang merupakan banyaknya bilangan bulat berbeda dari N buah bilangan yang diberikan.

Constraints

- $1 \le N \le 3 \times 10^4$
- Semua bilangan di antara 1 dan 10⁹.

Sample Input 1 (standard input)

5 1 2 1 1 3

Sample Output 1 (standard output)

3

Explanation

Terdapat 3 buah bilangan bulat berbeda, yaitu 1, 2, dan 3.

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