

[LAB4_2] Given an integer array, write C code to determine the element with maximum count.
For example, the array $A[] = \{10, 10, 15, 15, 15, 9\}$. The element with maximum count is 15.

Input

First line: n indicates the number of elements in array, where $1 \leq n \leq 50$

The second line consists of n elements in the array, separating a white space,
where $-100 < a[i] < 100$.

Output

The number of distinct elements in the array.

Input samples	Output samples
6 10 10 15 15 15 9	15
3 10 10 10	10