

The Most Frequent

You are given an array of N integers separated by spaces, all in one line.

Display the element which occurs most frequently. If multiple elements satisfy this criteria, display the numerically smallest one.

Input Format

The first line contains the number of integers (N).

The second line contains space separated integers (xi) for which you need to find the most frequent one.

Constraints

$$10 \leq N \leq 2500$$

$$0 \leq x_i \leq 100000$$

Output Format

One line containing the result.

Sample Input

10
14470 11735 14216 99233 14470 4978 73429 38120 4978 67060

Sample Output

4978

Explanation

14470 and 4978 are the most frequent elements.

4978 is smaller so it is the answer.