72764. Positive Minimum

Input file:	`standard input`
Output file:	`standard output`
Time limit:	1 second
Memory limit:	256 megabytes

Given an array consisting of integers. Print minimal positive number in array.

Input

The first line contains integer n ($1 \leqslant n \leqslant 10^5$) — array size. The next line contains n integers a_i ($-10^9 \leqslant a_i \leqslant 10^9$) — elements of array.

Output

One number, minimal positive number in array.

Examples

standard input	standard output
3 13 9 -2	9
5 -13 7 6 -7 -3	6
3 -4 -4 2	2
5 8 4 15 -15 -7	4
3 4 -5 -12	4