

Most rain

We measured the amount of rain (in millimeters) for N days.

Write a program that determines the day on which the most rain fell.

Input

The first line of the standard input contains the number of days ($1 \leq N \leq 100$).
The next N lines contain the daily amount of rain ($0 \leq M_i \leq 1000$).

Output

The first line of the standard output should contain the index of the day with the most rain (if there is more than one solution, give the one with the smallest index).

Example

Input

5
0
15
20
0
10

Output

3

