Sticker Contest

Sinf decided to design some new stickers and asked NI to judge them.

Sinf designed N stickers and NI judged them in a scale of 1 to 10000. Can you help them determine the winning sticker, there are no ties.

Input Format

The first line contains the number of stickers (N). The following line contains the pontuation of each sticker (N values separated by spaces).

Constraints

- Each score is on a scale from 1 to 10000

- $1 <= N <= 10^4$

Output Format

The index of the winning design, (The indexes start at 0).

Sample Input 0

```
2
8594 1021
```

Sample Output 0

```
0
```

Sample Input 1

```
16
4064 2049 5922 6049 376 6949 1769 6284 3149 1518 7341 2268 9846 3544 6906 8444
```

Sample Output 1

```
12
```