

You are in charge of the cake for a child's birthday.

You have decided the cake will have one candle for each year of their total age.

They will only be able to blow out the tallest of the candles. Count how many candles are tallest.

Example

candles=[4,4,1,3]

The maximum height candles are 4 units high. There are 2 of them, so return 2.

Input Format

The first line contains a single integer n, the number of candles.

The second line contains n space-separated integers, where each integer i describes the height of candles[i].

Sample Input 0

4

3 2 1 3

Sample Output 0

2