

Birthday Cake Candles





Colleen is turning n years old! She has n candles of various heights on her cake, and candle i has height $height_i$. Because the taller candles tower over the shorter ones, Colleen can only blow out the tallest candles.

Given the *height*; for each individual candle, find and print the number of candles she can successfully blow out.

Input Format

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

The second line contains $m{n}$ space-separated integers, where each integer $m{i}$ describes the height of candle $m{i}$.

Constraints

- $1 \le n \le 10^5$
- $1 \leq height_i \leq 10^7$

Output Format

Print the number of candles Colleen blows out on a new line.

Sample Input 0

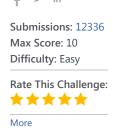
4 3 2 1 3

Sample Output 0

2

Explanation 0

We have one candle of height 1, one candle of height 2, and two candles of height 3. Colleen only blows out the tallest candles, meaning the candles where height = 3. Because there are 2 such candles, we print 2 on a new line.



Current Buffer (saved locally, editable) & 🗘 🗘

```
2 using System.Collections.Generic;
3 using System.IO;
4 using System.Linq;
5 ▼ class Solution {
6
7 ▼
        static void Main(String[] args) {
            int n = Convert.ToInt32(Console.ReadLine());
8
9
                string[] height_temp = Console.ReadLine().Split(' ');
                int[] height = Array.ConvertAll(height_temp, e=> int.Parse(e));
10
11
12
                int max = 0;
                int cont_max = 0;
13
                for (int i = 0; i < height.Length; i++)</pre>
14
15 ▼
16
                     if (height[i] > max)
17 ▼
                         max = height[i];
18
19
                         cont_max=1;
20
21
                    else if (height[i] == max)
22 ▼
                     {
23
                         cont_max++;
24
25
                }
26
27
                Console.WriteLine(cont_max);
28
        }
29
    }
30
                                                                                                                  Line: 27 Col: 41
```

1 Upload Code as File

✓ Test Case #0

✓ Test Case #3

✓ Test Case #6

Test against custom input

Run Code

Submit Code

Congrats, you solved this challenge! ✓ Test Case #1 ✓ Test Case #2 ✓ Test Case #4 ✓ Test Case #5 ✓ Test Case #8

Next Challenge

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