

Birthday Cake Candles



nderboard Discussions Editorial	
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Colleen is turning n years old! Therefore, 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 $height_i$ 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 n space-separated integers, where each integer i describes the height of candle i.

Constraints

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

Output Format

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

Sample Input 0

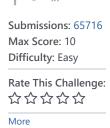
4 3 2 1 3

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) ♀ ⑤

1 ▼ import java.util.Arrays;

```
2
   import java.util.Scanner;
3
4 ▼ public class Solution {
5
        static int birthdayCakeCandles(int n, int[] ar) {
6 ▼
7
            // Complete this function
            int counter = 0;
8
9
10
            Arrays.sort(ar);
11 ▼
            int tallest = ar[n - 1];
12 ▼
            for (int i = n; i > 0; i--) {
                 if (tallest == ar[i - 1]) {
13 ▼
14
                     counter++;
15
16
17
            return counter;
18
        }
19
20 ▼
        public static void main(String[] args) {
21
            Scanner in = new Scanner(System.in);
22
            int n = in.nextInt();
23 ▼
            int[] ar = new int[n];
24 ▼
            for (int ar_i = 0; ar_i < n; ar_{i++}) {
                 ar[ar_i] = in.nextInt();
25 •
26
27
            int result = birthdayCakeCandles(n, ar);
28
            System.out.println(result);
29
30
    }
31
                                                                                                       Line: 18 Col: 6
```

<u>Upload Code as File</u> Test against custom input

Run Code

Submit Code

Testcase 0 🗸

Congratulations, you passed the sample test case.

Click the Submit Code button to run your code against all the test cases.

Input (stdin)

4 3 2 1 3

Your Output (stdout)

2

Expected Output

2

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