Birthday Cake Candles ☆

Problem Submissions Leaderboard Editorial

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.

Function Description

Complete the function `birthdayCakeCandles` in the editor below.

birthdayCakeCandles has the following parameter(s):

- int candles[n]: the candle heights

Returns

- int: the number of candles that are tallest

Input Format

The first line contains a single integer, n, the size of $candles[]$.

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

Constraints

- $1 \leq n \leq 10^5$
- $1 \leq candles[i] \leq 10^7$

Sample Input 0

```
4
3 2 1 3
```

Sample Output 0

```
2
```

Explanation 0

Candle heights are $[3, 2, 1, 3]$. The tallest candles are 3 units, and there are 2 of them.

Change Theme Java 8

```
7  import java.util.function.*;
8  import java.util.regex.*;
9  import java.util.stream.*;
10 import static java.util.stream.Collectors.joining;
11 import static java.util.stream.Collectors.toList;
12
13 class Result {
14
15
16
17     public static int birthdayCakeCandles(List<Integer> candles) {
18
19         List<Integer> listCandles = candles.stream().sorted().collect(Collectors.toList()
```

```
);
        int count = 0;
        int size = listCandles.size();
        for (int i = size - 1; i >= 0 ; i--) {
            int ultimate = listCandles.get(size - 1);
            if (ultimate == listCandles.get(i)){
                count++;
            }else break;
        }
        return count;

    }

```

Line: 28 Col: 22

Upload Code as File | Test against custom input | Run Code | Submit Code

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You are now 19 points away from the 2nd star for your problem solving badge.

73% 81/100

Problem Solving

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Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Test case 6

Test case 7

Compiler Message

Success

Input (stdin) Download

```
100000
4172213 785637 1727934 4057280 2759591 9999907 7581231 8003508 6238505 1703322
1765333 2002383 713851 8906901 5064552 1953770 2620375 7993420 3002285 3658299
7900670 6972689 3743150 8941362 3278592 9999907 7986652 6562470 6355117 9999907
33003 6664223 5228054 9999907 4181388 9453448 8884761 3316855 3201952 6166159
6169138 3527318 9999907 4837532 6725408 8369052 4672142 2460008 1872708 9076495
8216573 2228721 7301760 7978419 7400057 2154109 564573 3893474 228723 5120661
1656801 4143370 726055 4329026 3380162 7364156 7463192 9676068 45878 601273
4830686 6043081 6383858 7344425 727621 7093135 9999907 7762124 8831233 7046282
2646866 328325 8467788 9999907 5827641 3190416 2472649 9513693 6768187 9999907
7708288 3057664 9324828 9286142 1361894 7042098 7638592 5004437 9999907 3309099
1102232 3231756 3157189 4719135 2987591 9999907 5677962 5956014 8492294 6259132
1839734 9980012 1931337 3503659 3693851 8583054 9642500 6371656 9999907 9116105
```