Birthday Cake Candles ★

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Problem Solving

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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 Language Python 3

```
17      # Write your code here
18      n= len(candles)
19      maximum= max(candles)
20      count = 0
21      for i in range(n):
22          if candles[i]== maximum:
23              count +=1
24      return count
25
26
27  if __name__ == '__main__':
28      fptr = open(os.environ['OUTPUT_PATH'], 'w')
29
30      candles_count = int(input().strip())
31
32      candles = list(map(int, input().rstrip().split()))
33
34      result = birthdayCakeCandles(candles)
35
36      fptr.write(str(result) + '\n')
37
38      fptr.close()
39
```

Line: 39 Col: 1

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

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73% 81/100

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Test case 0

Test case 1

Test case 2

Test case 3

Compiler Message

Success

Input (stdin) Downlo

1 4

Test case 4

Test case 5

Test case 6

```
3 2 1 3
```

Expected Output

Download

```
2
```