

38. Count and Say

[Description \(/problems/count-and-say/description/\)](/problems/count-and-say/description/)[Hints \(/problems/count-and-say/hints/\)](/problems/count-and-say/hints/)[Submissions \(/problems/count-and-say/submissions/\)](/problems/count-and-say/submissions/)[Pick One \(/problems/random-one-question/\)](/problems/random-one-question/)

The count-and-say sequence is the sequence of integers with the first five terms as following:

```
1. 1
2. 11
3. 21
4. 1211
5. 111221
```

1 is read off as "one 1" or 11 .

11 is read off as "two 1s" or 21 .

21 is read off as "one 2 , then one 1" or 1211 .

Given an integer n where $1 \leq n \leq 30$, generate the n^{th} term of the count-and-say sequence.

Note: Each term of the sequence of integers will be represented as a string.

Example 1:

```
Input: 1
Output: "1"
```

Example 2:

```
Input: 4
Output: "1211"
```

Seen this question in a real interview before?

C++

Difficulty:

Easy

Total Accepted:

221.8K

Total Submissions:

585.4K

Contributor:

LeetCode



Companies

Related Topics

Similar Questions

