Problem Link:

<https://leetcode.com/problems/count-and-say/submissions/1610169670/?envType=daily-question&envId=2025-04-18>

Solution:

class Solution {

public:

string countAndSay(int n) {

if(n == 1)

return "1";

string p = countAndSay(n - 1);

string s = "";

int c = 1;

for(int i = 1; i < p.length(); ++i)

{

if(p[i] == p[i - 1])

{

c++;

}

else

{

s += to\_string(c) + p[i - 1];

c = 1;

}

}

s += to\_string(c) + p.back();

return s;

}

};