



Код:

```
using System;
using System.Text;

public class Solution
{
    public string CountAndSay(int n)
```

```
{
    if (n <= 0)
    {
        return "";
    string result = "1";
    for (int i = 2; i <= n; i++)</pre>
        result = GetNextSequence(result);
    }
    return result;
}
private string GetNextSequence(string sequence)
    StringBuilder nextSequence = new StringBuilder();
    int count = 1;
    char currentChar = sequence[0];
    for (int i = 1; i < sequence.Length; i++)</pre>
        if (sequence[i] == currentChar)
        {
            count++;
        }
        else
            nextSequence.Append(count);
            nextSequence.Append(currentChar);
            currentChar = sequence[i];
            count = 1;
        }
    }
    // Append the last run
    nextSequence.Append(count);
    nextSequence.Append(currentChar);
    return nextSequence.ToString();
}
```

}