

Count and Say

```
1 import itertools
2 class Solution(object):
3     def countAndSay(self, n):
4         """
5         input: int n
6         return: string
7         """
8         # write your solution here
9         result = '1'
10        for i in range(n - 1):
11            add = ''
12            for digit, group in itertools.groupby(result):
13                count = len(list(group))
14                add += '%i%s' % (count, digit)
15            result = add
16        return result
```