

B. 理組情侶的密碼

(Time Limit: 1 sec, Memory Limit: 512 MB)

Description

這題要您定義念數字串的方式。把它分成數組，使每組都是連續一樣的數字。接著對於每一組，先說字組的數量，再說是甚麼字符。要將這句話轉換為數字串，請先從 1 開始。

(1). count-and-say(1) = 1

(2). count-and-say(n)是 count-and-say(n-1)念的方式

"3322251"
two 3's, three 2's, one 5, and one 1
2 3 + 3 2 + 1 5 + 1 1
"23321511"

Sample Input/Output

輸入一整數 n ($1 \leq n \leq 30$)，輸出其密碼。

Sample Input #1	Sample output #1
1	1
Sample Input #2	Sample output #2
4	1211

#1 說明 : $n=1 \Rightarrow \text{count-and-say}(1) = "1"$

#2 說明 : $n=4 \Rightarrow \text{count-and-say}(1) = "1"$

$\text{count-and-say}(2) = \text{say } "1" = "11"$

$\text{count-and-say}(3) = \text{say } "11" = "21"$

$\text{count-and-say}(4) = \text{say } "21" = "1211"$