

Climbing Stairs

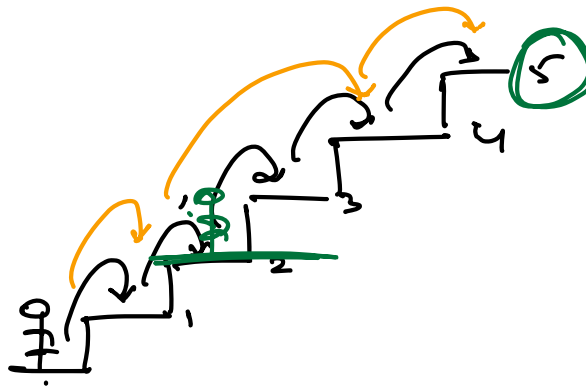
Step: 1, 2, 3

1 1 1 1 1

2 1 1 1

1 3 1

10, 12



Can Change

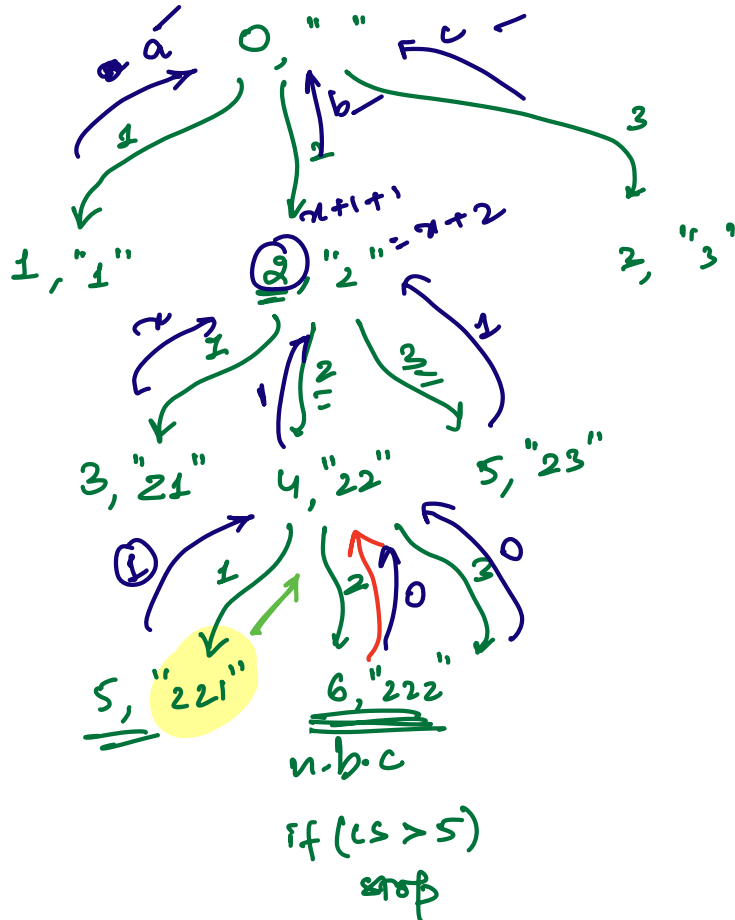
SR

{1, 2, 3}

1 1 1 1

1 2 1 1

3 1 1



$\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$

$\frac{0}{0} = 0$
 $O(n)$

→ Ways Print

→ Count (int) → DP

Can Change

Amount: 5

Denom = {1, 2, 3}

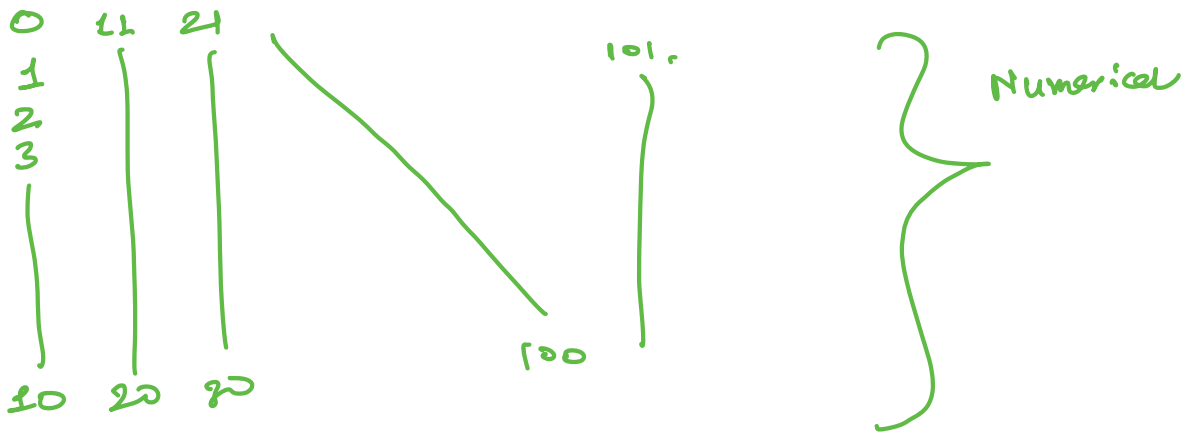
1 2 2 , 2 1 2 } ?
1 3 1 , 3 1 1

HW

S.S Dup.
Per Dup.

CC 1 2 2, 2 1 2

Lexico Counting



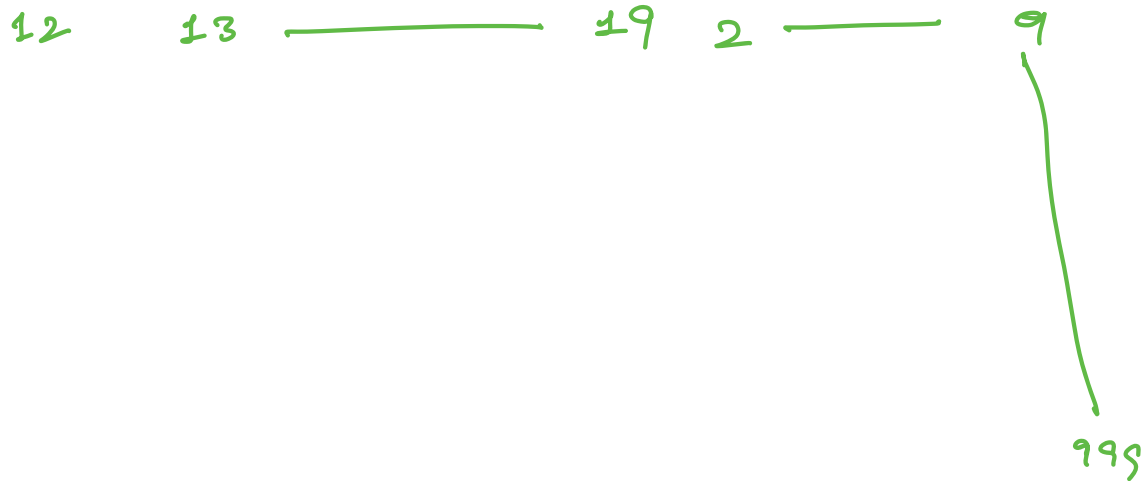
$$11 > 2$$

$$"11" < "2"$$

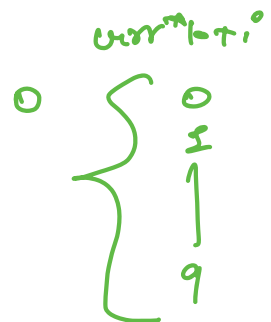
$$0 \rightarrow 1000$$

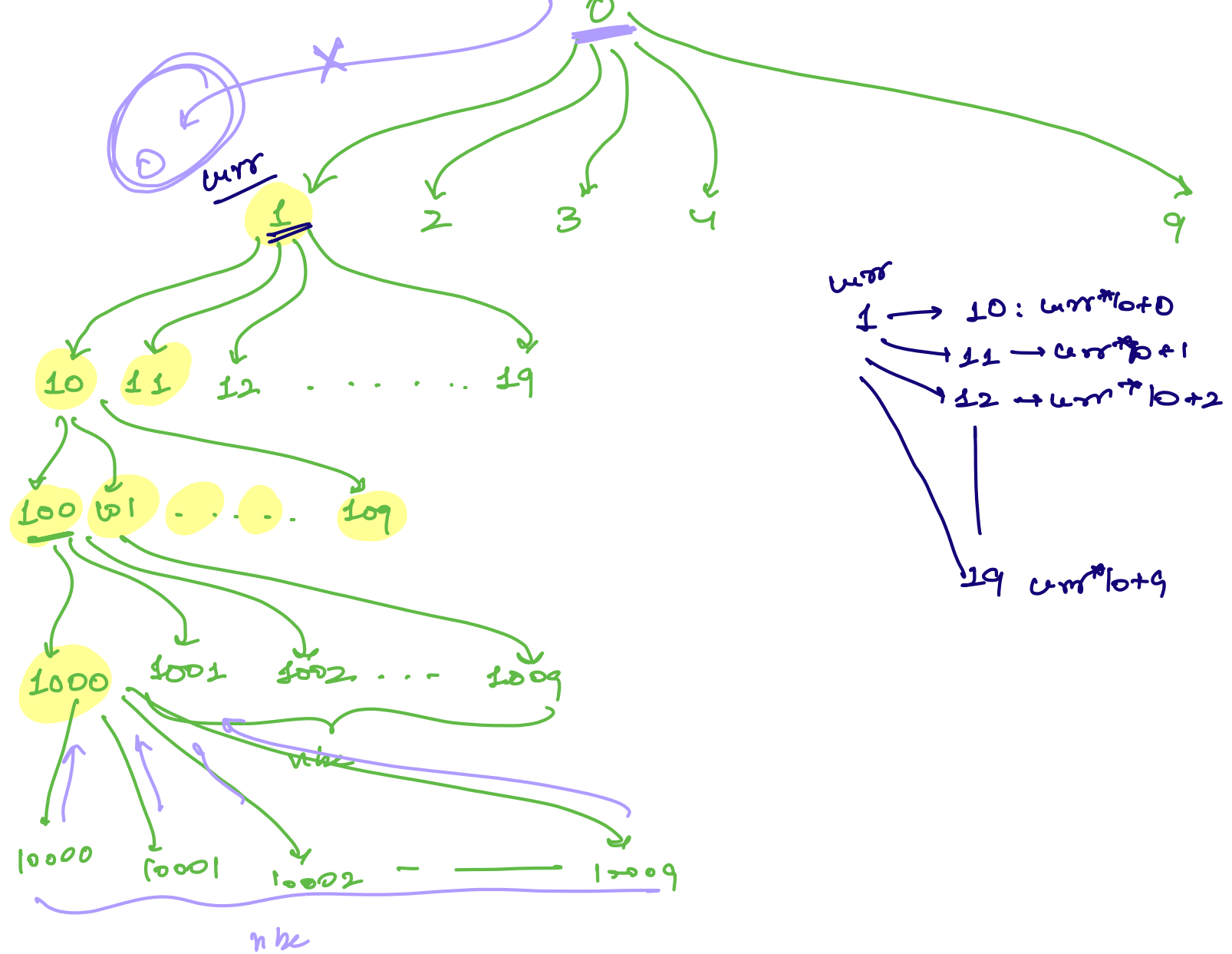
0
1
10
100
1000
11
110
111
112

119



1 0 0-9





<https://leetcode.com/problems/palindrome-partitioning/description/>

Palindromic Partitioning

"nitin"

nitin

→

(n, iti, n) =

n iti n

n | i | t | i | n

→

n, i, t, i, n ✓

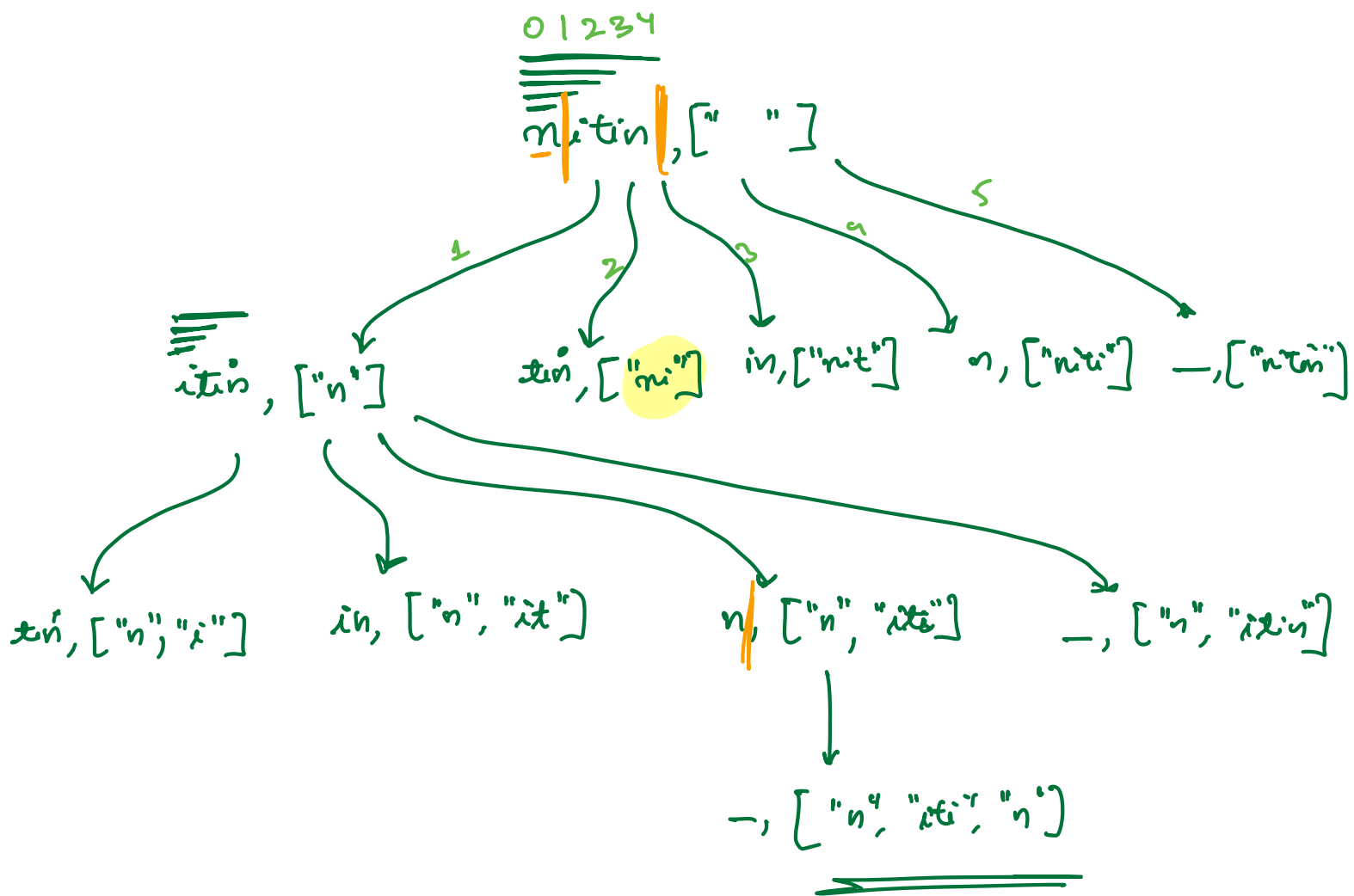
nitin

→

nitin

naabaan \rightarrow n|aa|b|aa|n

\rightarrow n|aabaa|n
 \rightarrow n|a|aba|a|n



d|b|c a,b,c