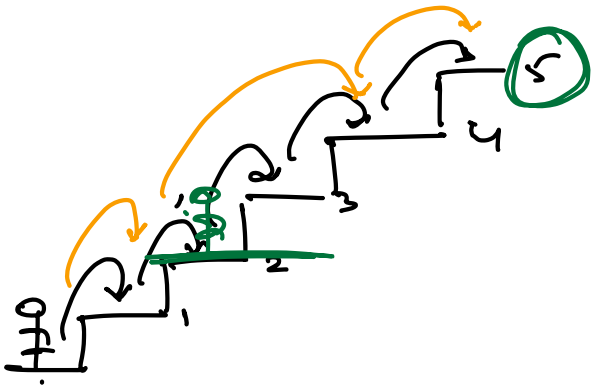
Climbing Stairs

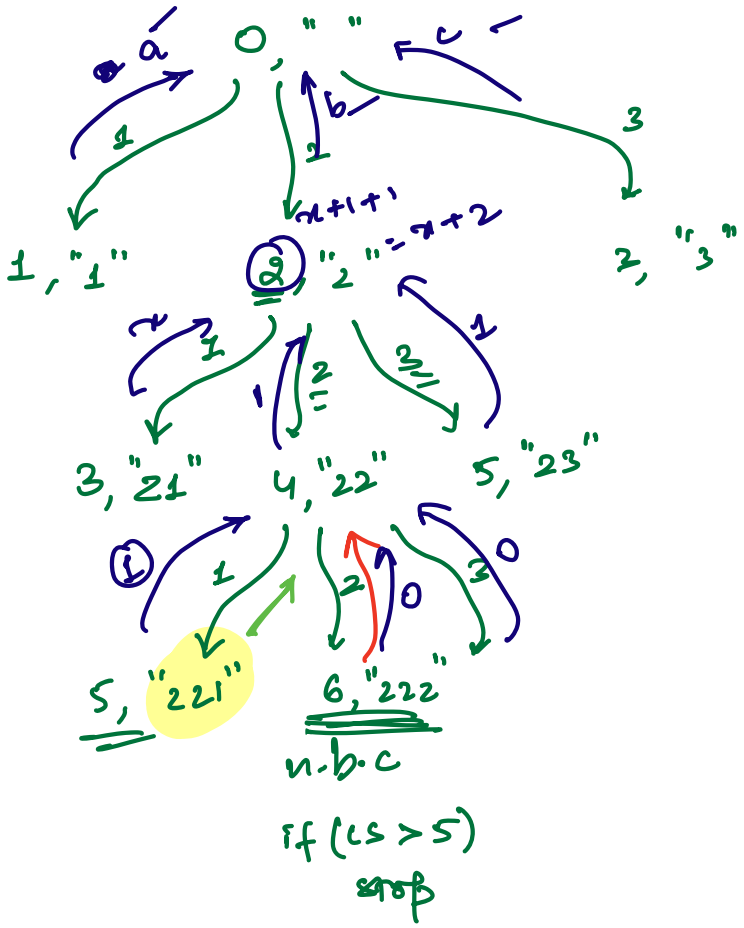
Step: 1, 2, 3



11111
2111
131
} 10, 12

Coin Change
5 Rs
{1,2,3}

11111
1211
311



$1, 0$

2^n

0 ——— 10

O(n)

→ Ways Print
→ Count (int) → DP

Coin Change

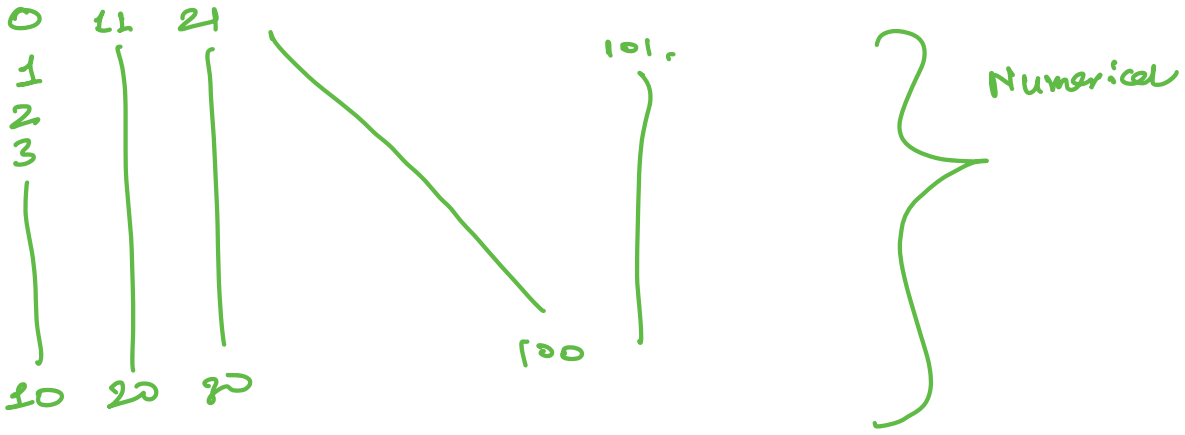
Amount: 5 Denom = {1,2,3}

122, 212
131, 311
} ?

HW

S.S Dup.
Per Dup.
CC 122, 212

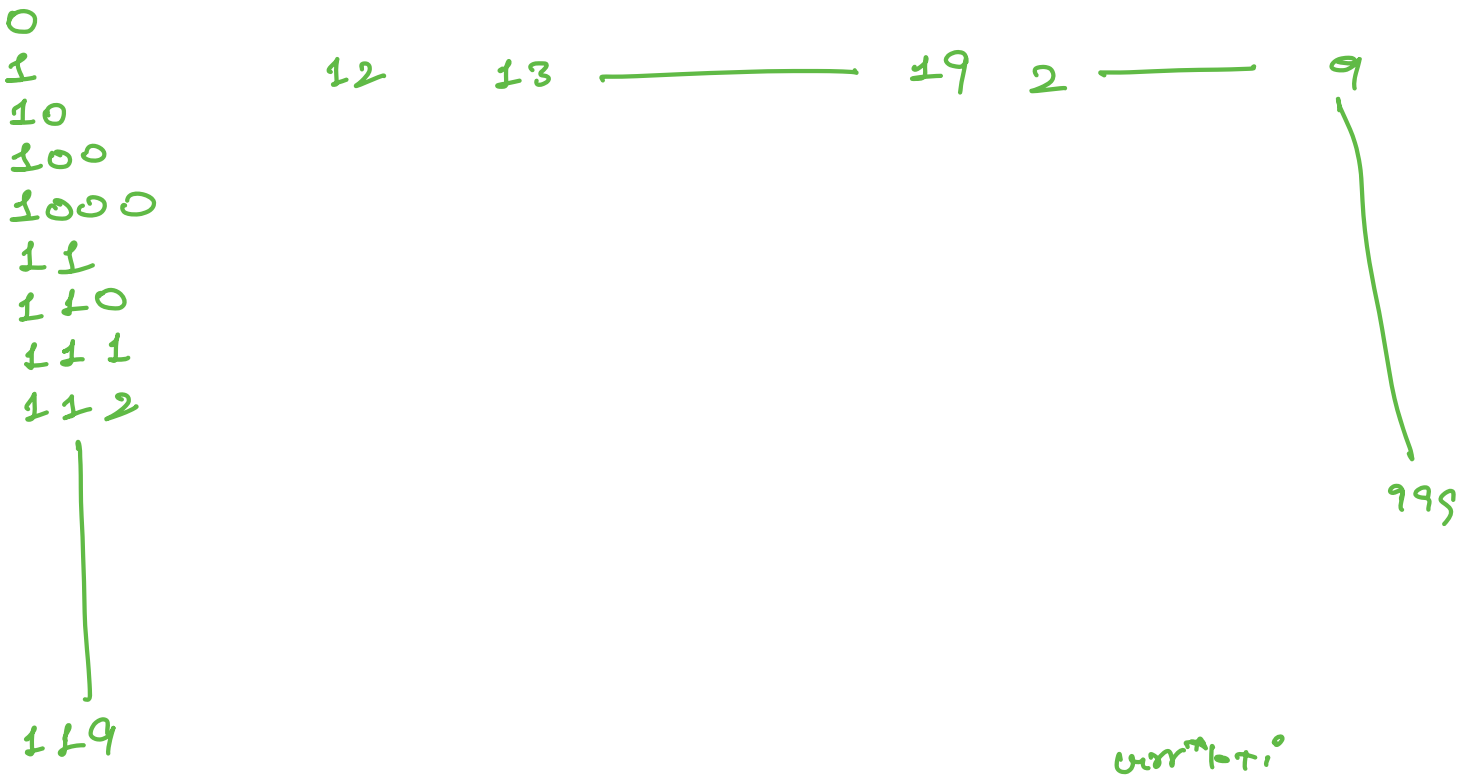
Lexico Counting

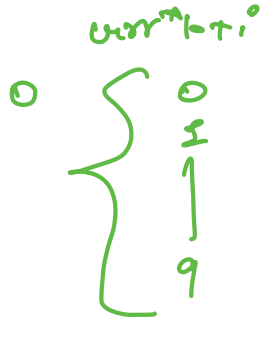


11 > 2

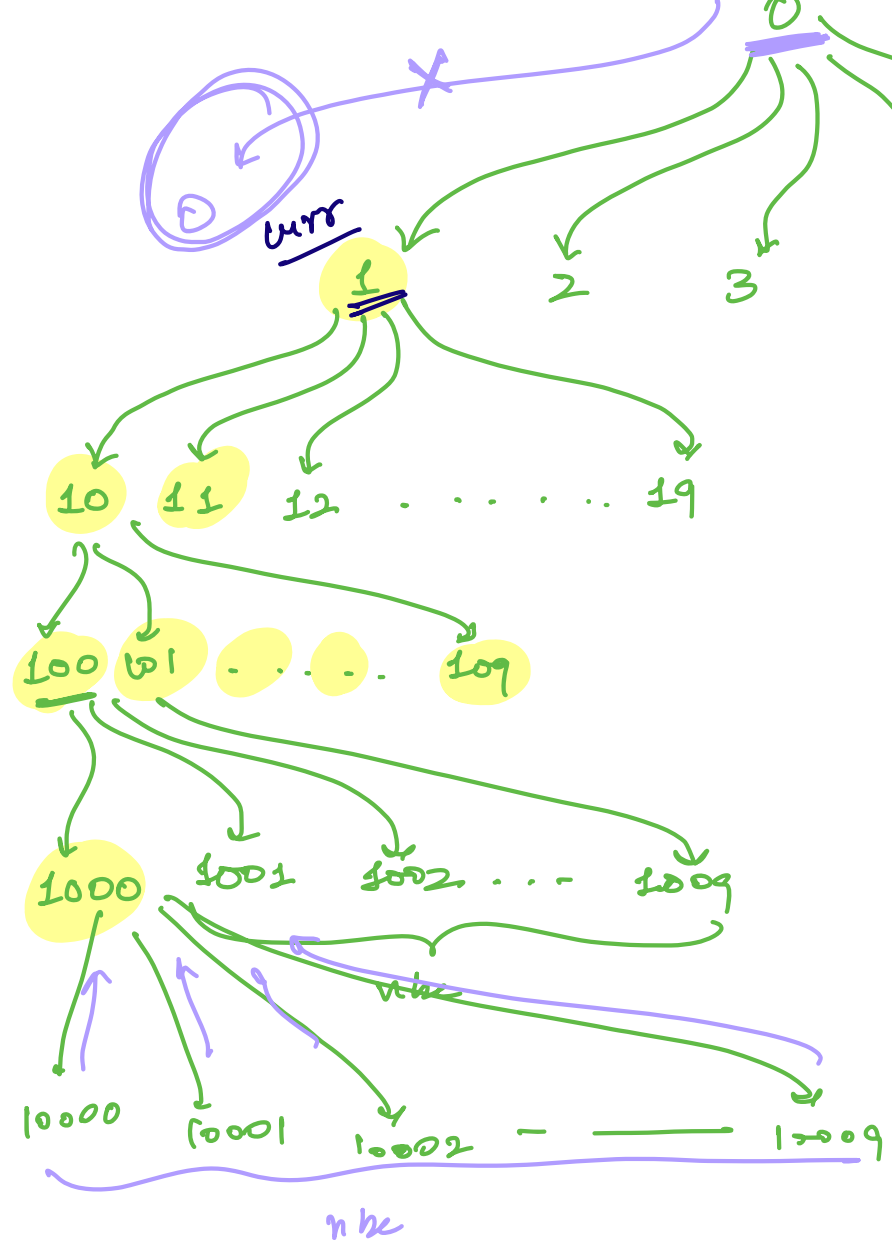
"11" < "2"

0 — 1000





1 0 0-9



curr

1 → 10 : curr*10+0

→ 11 → curr*10+1

→ 12 → curr*10+2

19 curr*10+9

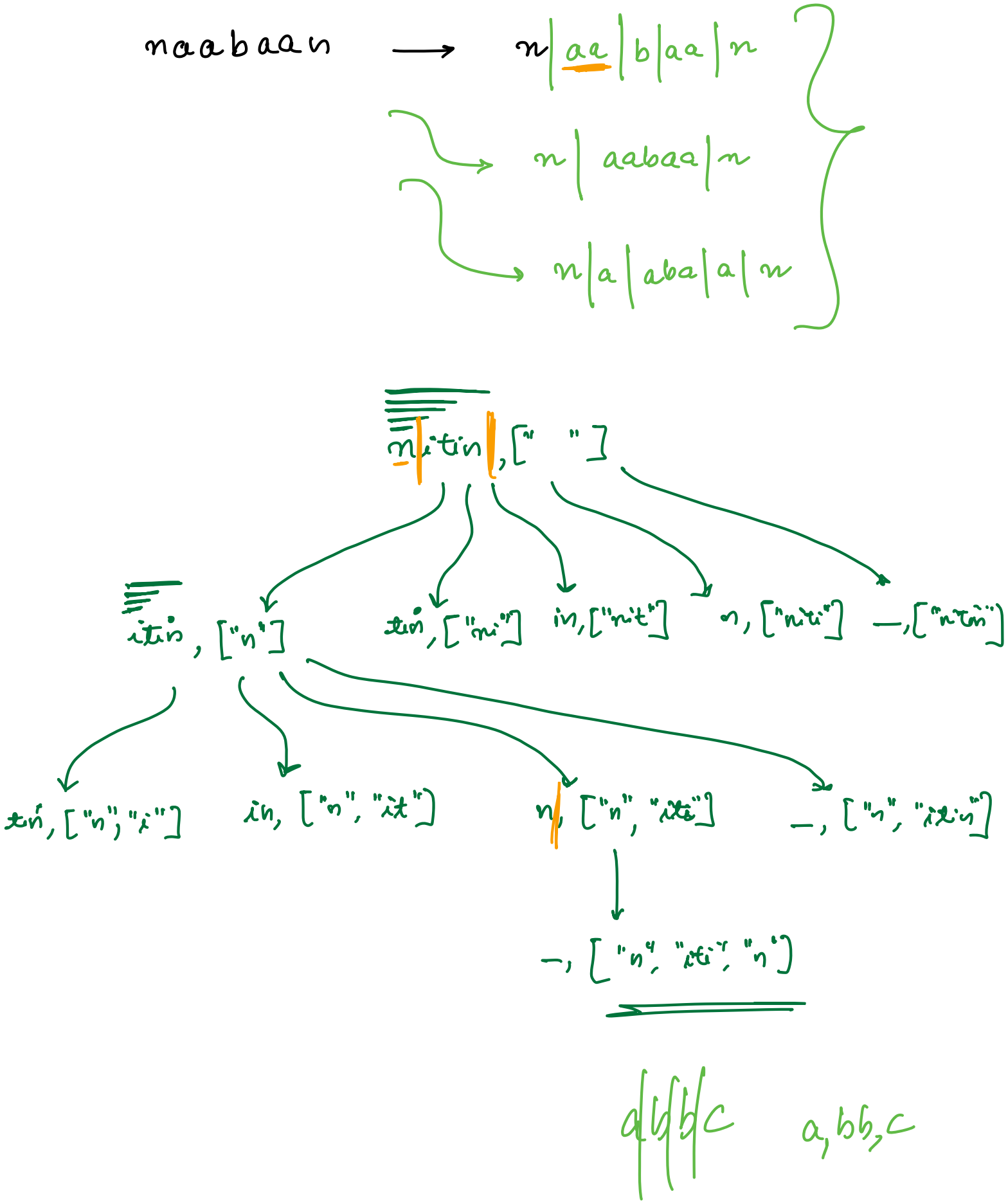
Palindromic Partitioning

"nitin"

nitin → n, iti, n

n|i|t|i|n → n, i, t, i, n ✓

nitin → nitin


naabaan
n|aa|b|aa|n
n|aabaa|n
n|a|aba|a|n
itin, [" "]
itin, ["n"]
tin, ["ni"]
in, ["nit"]
n, ["niti"]
_, ["nitin"]
tin, ["n", "i"]
in, ["n", "it"]
n, ["n", "iti"]
_, ["n", "iti n"]
_, ["n", "iti", "n"]
a|b|b|c
a, bb, c