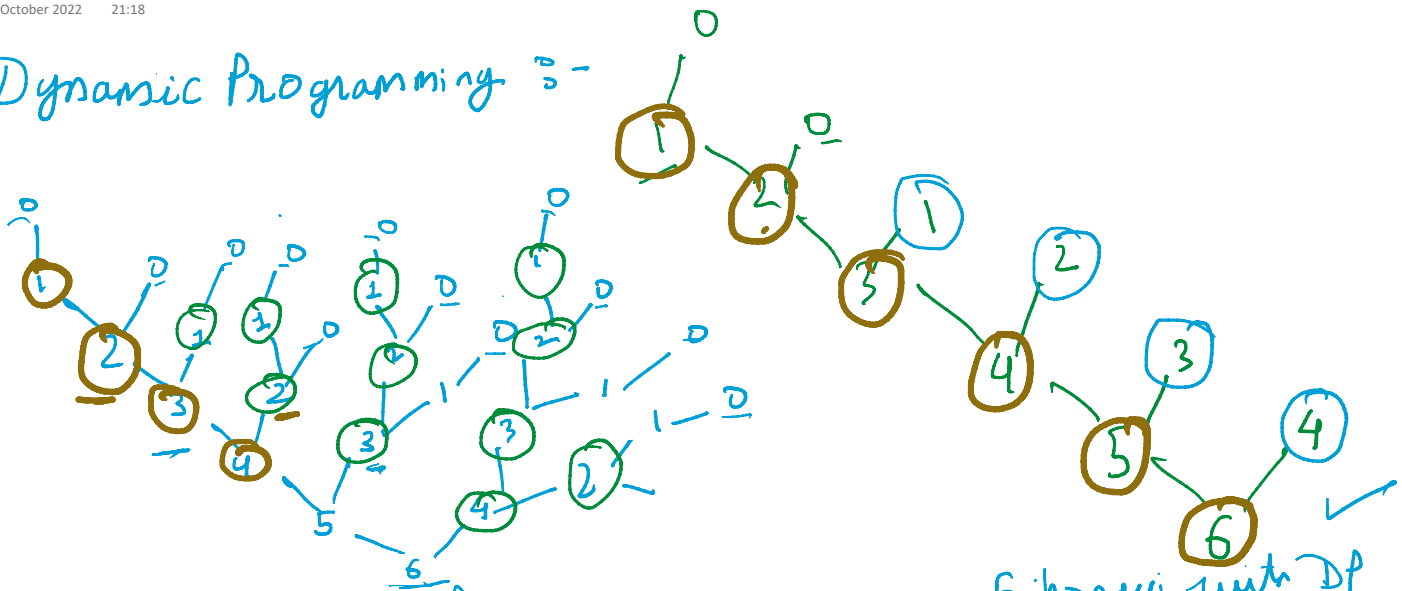
28 Oct

28 October 2022 21:18

Dynamic Programming :-



Fibonacci with Recursion

$O(2^n)$

Fibonacci with DP

$(2n) \simeq O(n)$

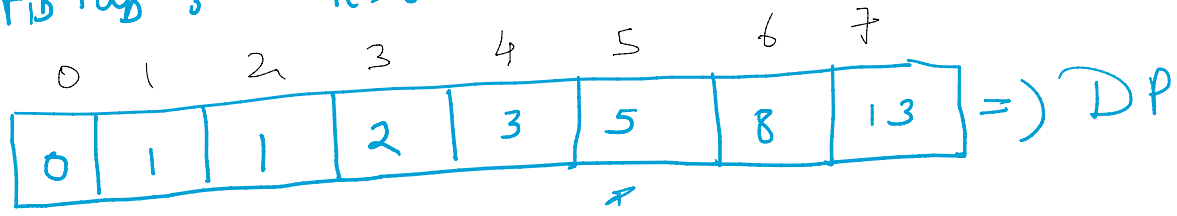
0 1 1 2 3 5 8

Two types of DP :-

↳ Memoization - Recursive

↳ Tabulation - Iterative

Fib Tab :- n = 6

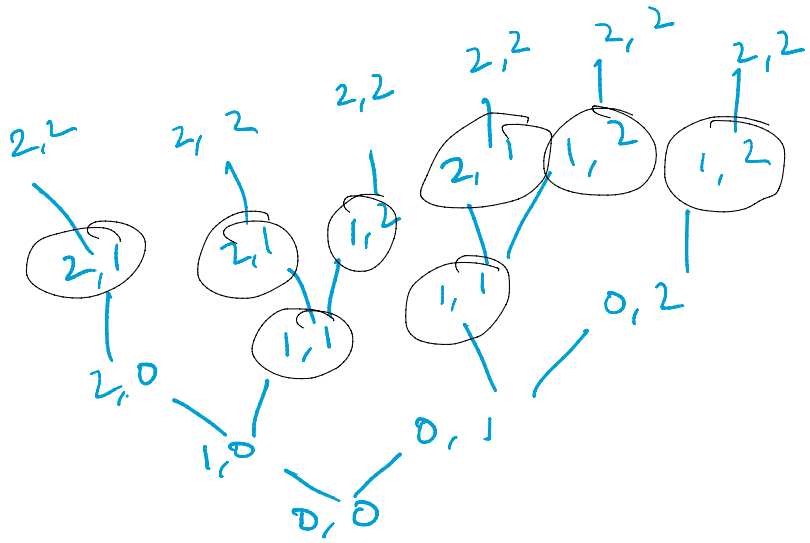


=) DP

https://leetcode.com/problems/minimum-path-sum - Min Path Sum

0 1 2

0	1	3	1
1	1	5	1
2	4	2	1



	0	1	2
0	7	6	3
1	8	7	2
2	7	3	1

1	3	1
1	5	1
4	2	1