

DP Concepts (video 27 Concepts Questions



a change, start
working for it...

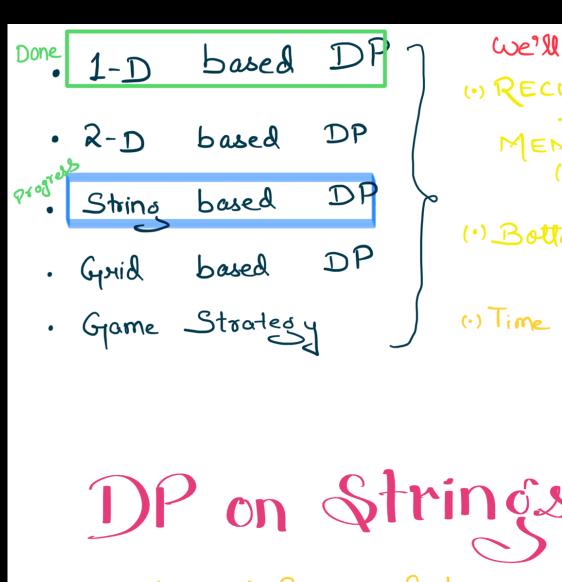
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HIGUI (Motivation)

cswithMIK -> Twitter

Facebook] -> code storywithMIK

whatsapp -> codestory withMIK



- we'll do: () RECURSION MEMOIZATION (Top Down) (1) Bottom UP
 - (1) Time & Space

DP on Strings

- -> Longest Common Subsequence (LCS)
- Print LCS
- -> Edit Distance
- Shortest common Supersequence. (SCS)
- Print SCS
- problems :-=> Pallindrome related DP

Palindromic Substrings + (Blueprint

Ongest Palindromic Substring









$$S = \begin{bmatrix} 0 & 1 & 2 \\ 1 & 0 & 5 \end{bmatrix}$$

y (1110)t

$$\frac{1}{4} = 1 \quad F \quad T \quad F$$

$$\frac{1}{2} \quad F \quad F \quad T$$

$$\begin{cases} (a) & b \\ (b) & b \\ (b$$

(i) Blue print -> I[i][j] w

Solve (S, O);

Solve (String S, inf i, Port)?

if (i = = s.length()) {

seesulf. push-back (Part);

y see!;

for (j=i; j < s.length, j++) {

i] (f[i][j] = = True) {//0(1)

com:

Sxp

Sorve(S, j+1, partion); //ans:

J. Pour . pop-ba(k();

}

