

dp (i,j)=

Berapa item terbanyak yang bisa dikumpulkan oleh dengklek jika bergerak dari (1,1) ke (i,j) [baris ke-i, kolom-j (i,j) 1 based

down Dynamic Programming 手(n)= 牛(n-1)+十(n-2) P(5) = P(9) + P(3) F (4) = F(3) + F(2)

Bottom Up : Pre Compute

$$f(2) = 3 f(0) \rightarrow MEMO[2] = 3$$

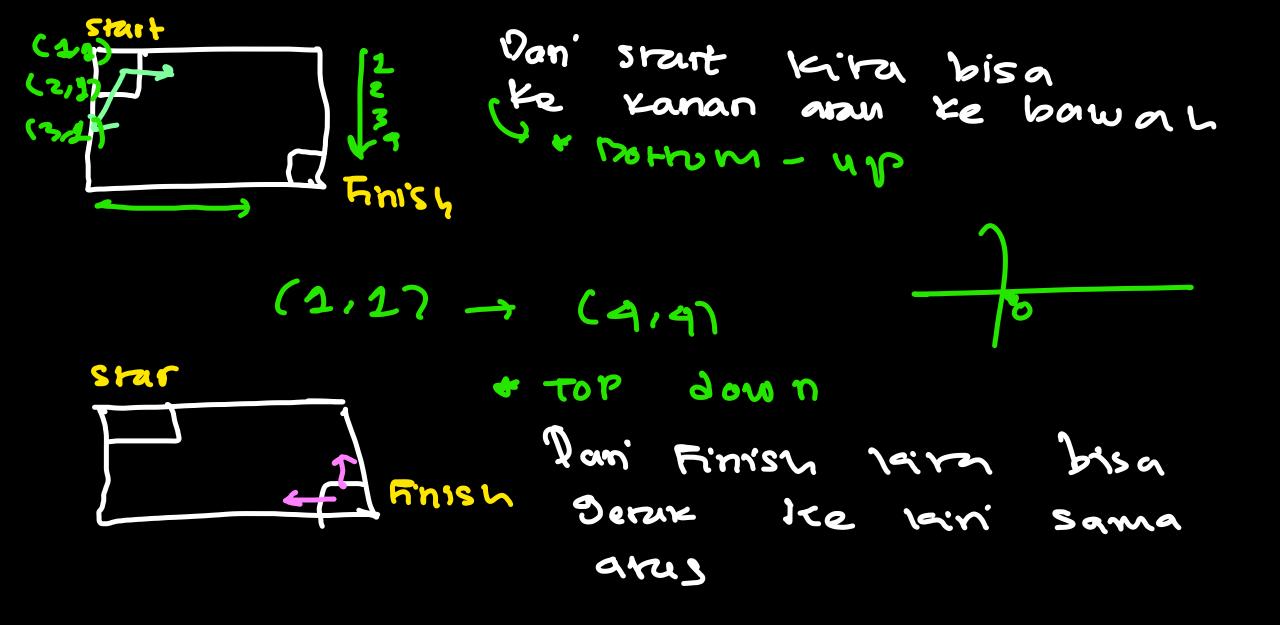
$$= 3 \cdot f(0) \rightarrow MEMO[2] = 3$$

$$= 3 \cdot 7 \cdot MEMO[2] = 3$$

$$= 9$$

Cout 22 Memo [N]

Pre compuse



- Seriar Perax (iii) gedean îtem serak ke mana daci,j> arus (i,j-2) (i-1,j) dp(i,j) = Marx (dp(i,j-1), dp(i-1,j)) + item ci z t j z

JP(1,2) = MOX(JP(1,1), JP(0,2))
JP(0,2) = MOX(JP(0,1), JP(10))
JP(0,2) = MOX(JP(-1,2), JP(10))

String S = SONOSONO 102W Vo ada berupa 0 1 2 3 4 C 6 7 SOND SONO dan di manon * locate O O1 -> count banyare string s gang berada Index > 1 * locate S Sq - COURT bangar N yang bernda index > 4

O 2 - 5 - N₄ - 1 63 - 59 - N6 OCNS) for (0) for CS7 for cn) -> (2003) - 107 (V) Subsoar 1 - 12 N & 200 50 Potn

Subscal 2 -> 107 -> (107)3-+ 102/->.2 dens

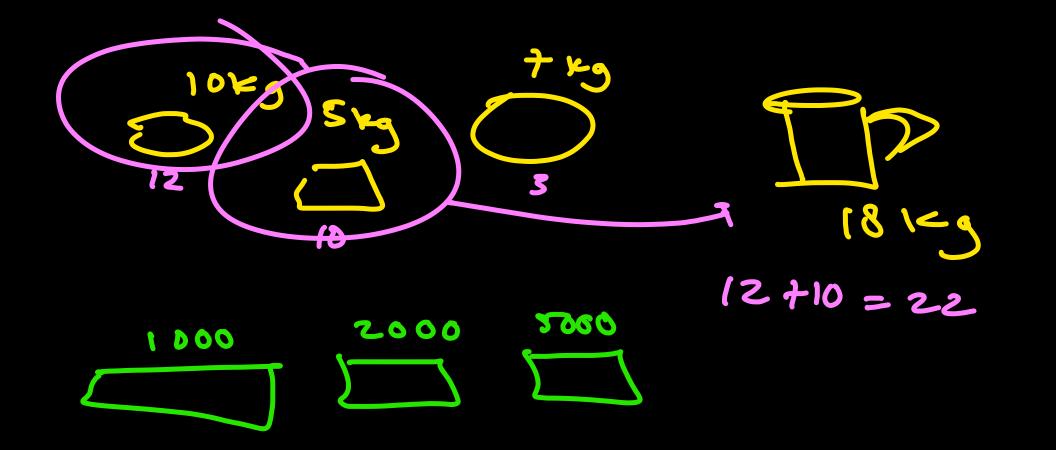
Bruke Force SONOSSONO

For wop reduce "5"
For 1000 reduce "5"

DR Sering Fernar

Cari aja di GeeksFor Geeks

- 1. DP Tilling (Pengubinan)
- 2. DP LIS (Longest Increasing Subsekuens), LCS (Longest Common Subsequences), Counting Subsequences
- 3. DP Grid / Maze / Matrix
- 4. DP Knapsack



Berapa minimal lembar uang untuk belanja senilai 10.000?

5. DFS - BFS, Graf Transversal

