

Special class

Love Babbar • June 3, 2023

PAST se dikho Dynamic Programming Jo et bran calculate Kr Chuke ho, we dubank Calculate Kone Kineed Job - Jown > Rearnied

Hemoisation (nati hai Bo Hom Up -> (tabulation)

when to apply / Overlapping Ophmal Substructure Sup problems Opinch Soly Same problem Ko baar baar Bigger Publim solve Krye ho Cen 51 Calculated using Optimal roll of smaller publim

0, R. R → £13) k (8)

Rec!-+ (Mono isation 1) Creak &p way Vector (in+) dp (n+1, -1)) (2) ans store de (3) B.C & Jut back check if assur already exists

0 -> n (h->9) n+1 fib (int n) if (n = = 1 | n = = 0) if (dp[h]!=-1) roturn n; return any,

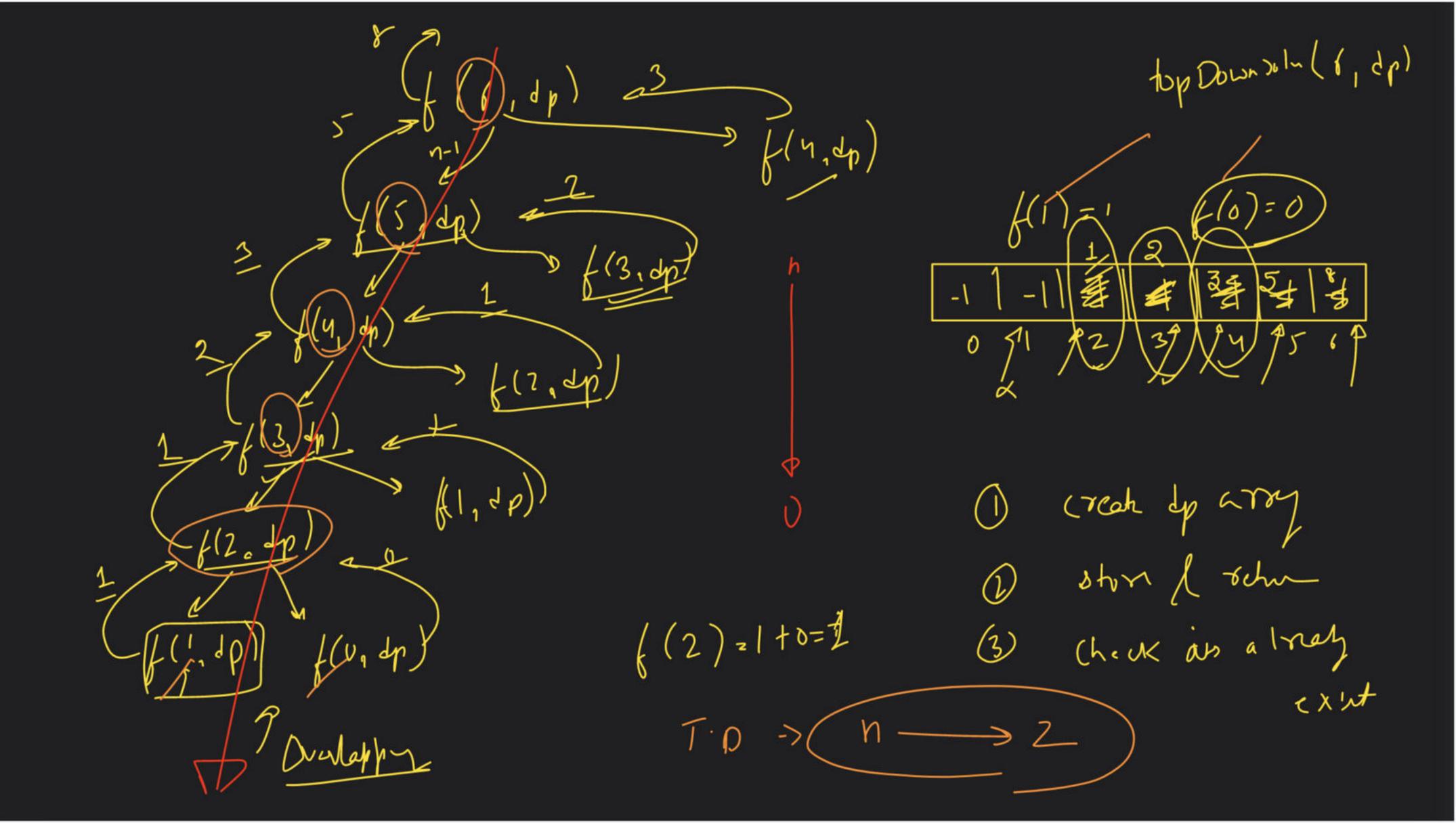
dp[n]

tolong

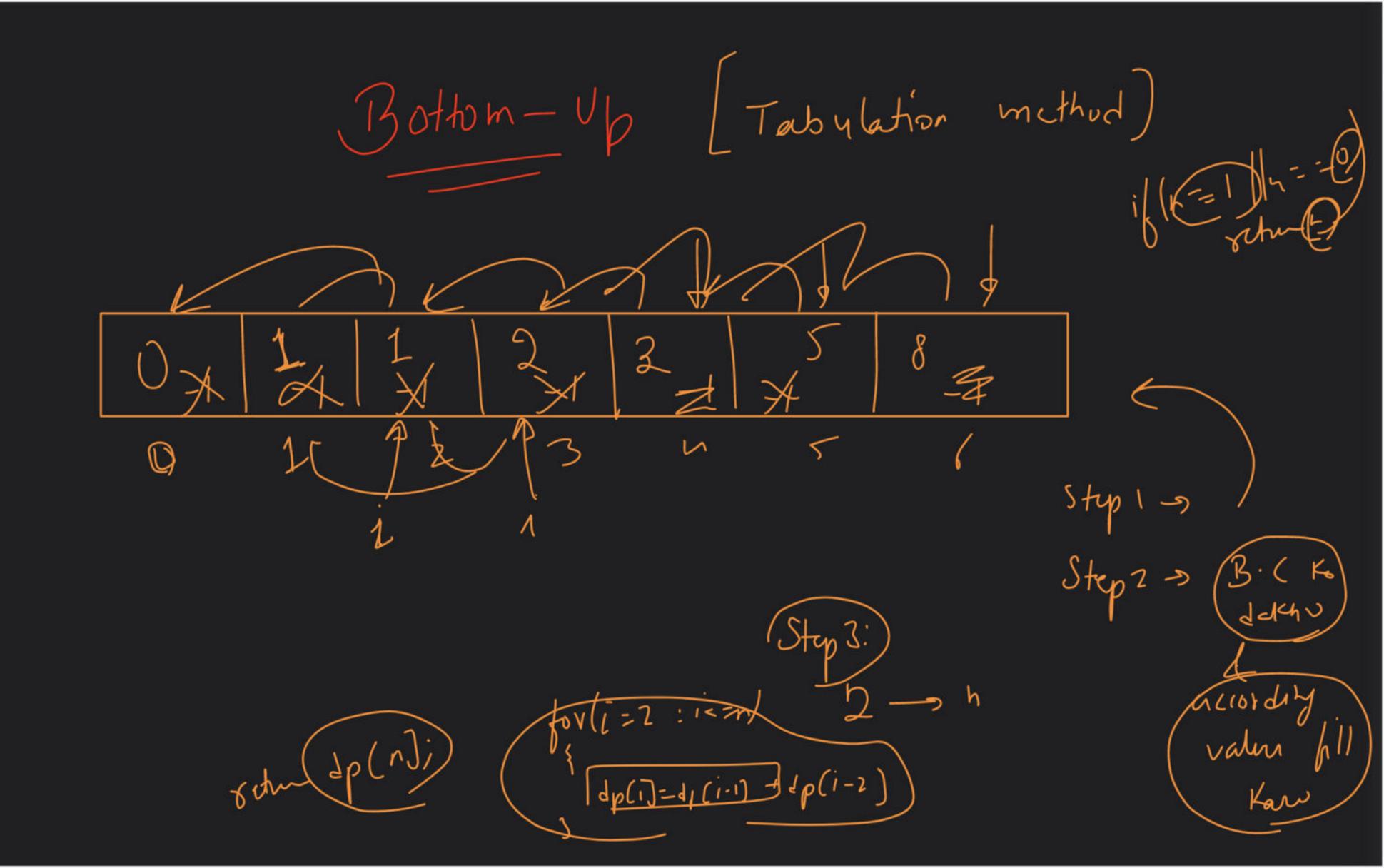
fin(n-z)

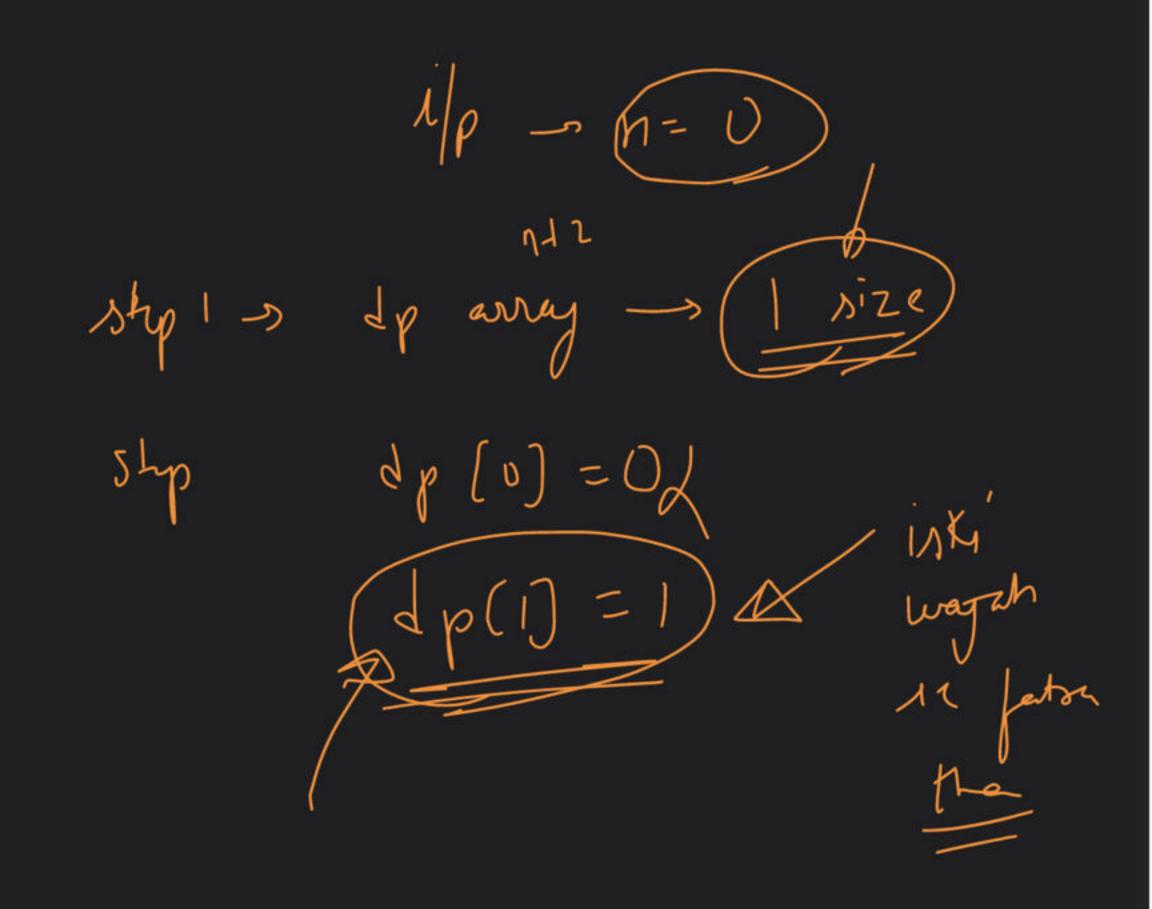
tolong

dp[n]

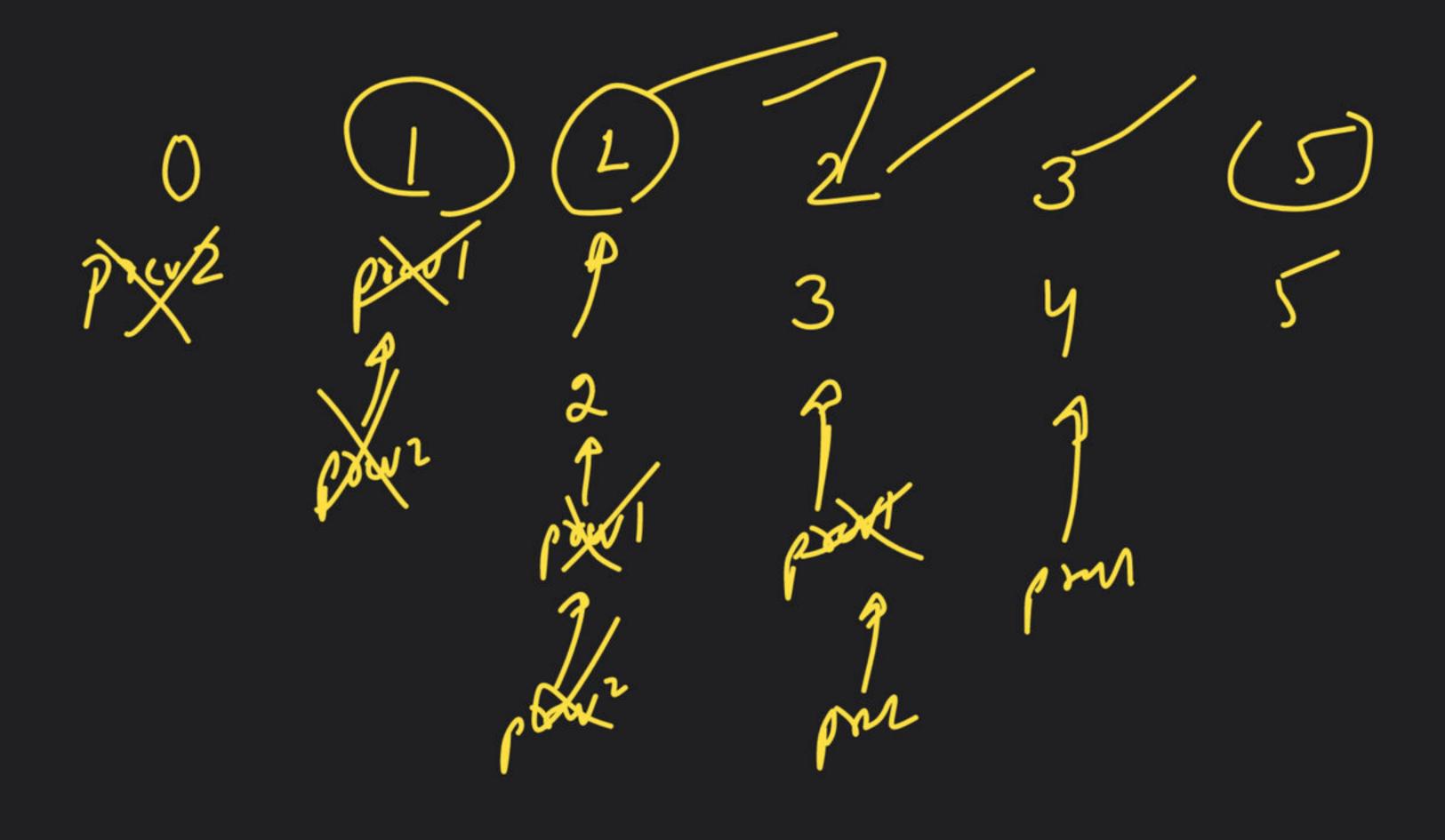


down top down





Optimisation!-



Lichera (h)? (h)? (h))+(h)? Mant

Libonacu (1) Recupive f(r) = f(n-1) + f(n-2)Inhome h (1) Momois who h J(I) de array (scat The and the supple of the supp Yether Assert / Ja[n].

if (n = =0 / ln =- / // shpl -> (reak de array) OBottom - Up (ta bulation top Dow/Ric -> B.C dekh K (method) padd according with tim. Kata si Kata tak

Optimisation: Rcc , T \$ 5 \$

