

o iterative approach Tro(in)

int fib (int n)

lint term 0=0, term 1=1, sum;

if (n2=1) meturan n;

return for (int i=0; i2n; i+d)

{ sum, term of term 1;

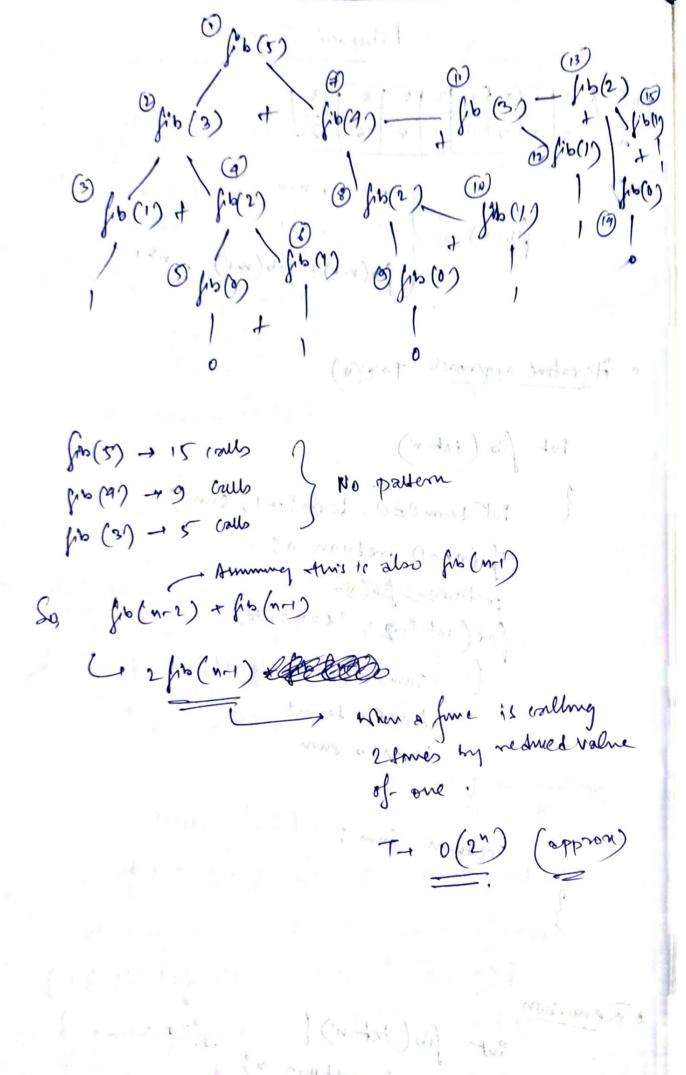
term 0 a term 1

term 1 = pun
}

return Sum?

· Remotion

f(n(s1) return ";
neturn fib(n-2) + finb(n-1);



(OLD) THE CARDS

· Optimized Approach (Memorzation). to stop making unnecessary entra calls agains Store 70 71 71 -12 -13 -5 fib (4) Rib (3) 02 + for (2) + fib(2)=4 J. J. 600 + S. (1) - fro(5) = 6 calls int store [5]; for the ) of the if (n L=1) { Store [n] on of return "; else { if ( store [n-2] = 2 -1) Store [ n-L] = fib (M-L); if ( stone [n-1] 22-1) Hove [n-1] 2 fb (n-1); metum store (n-2) + store [n-1];

Combination formula Poseal's frangle 24 Mer Clal prole to combo ( 14t 4) } if (42011 462 n) neturn 1; neturn compo (n-1, r-1) + compo (n-1, r); SONDAD - CLAND SWAD } e ( m) mass o ( em) drais maken