function fibo (n) { if (n==1) return n; neturn fibo(n-1) + fibo(n-2); T(n-1) = T(n-2) T(n)= T(n-1)+T(n-1)+2 Ra 2, I (n-2)+

n- n-3 ----n-k-5432 n-k=1 1 K=n-1 J(n) = 2n-1 + T(x1-y1+1)+(2-1) $=2^{n-1}+T(1)+2^{n-1}$ = 2 K + T(1) 7 - 2 K - 1 = 2 K + 0 + 2 K - 1 2 K + 2 K -) = 03 K (1) Jan

 $= \frac{1}{4} + \frac{1}{2} + \frac{$

