

$$f(n) = f(n-1) + f(n-2)$$

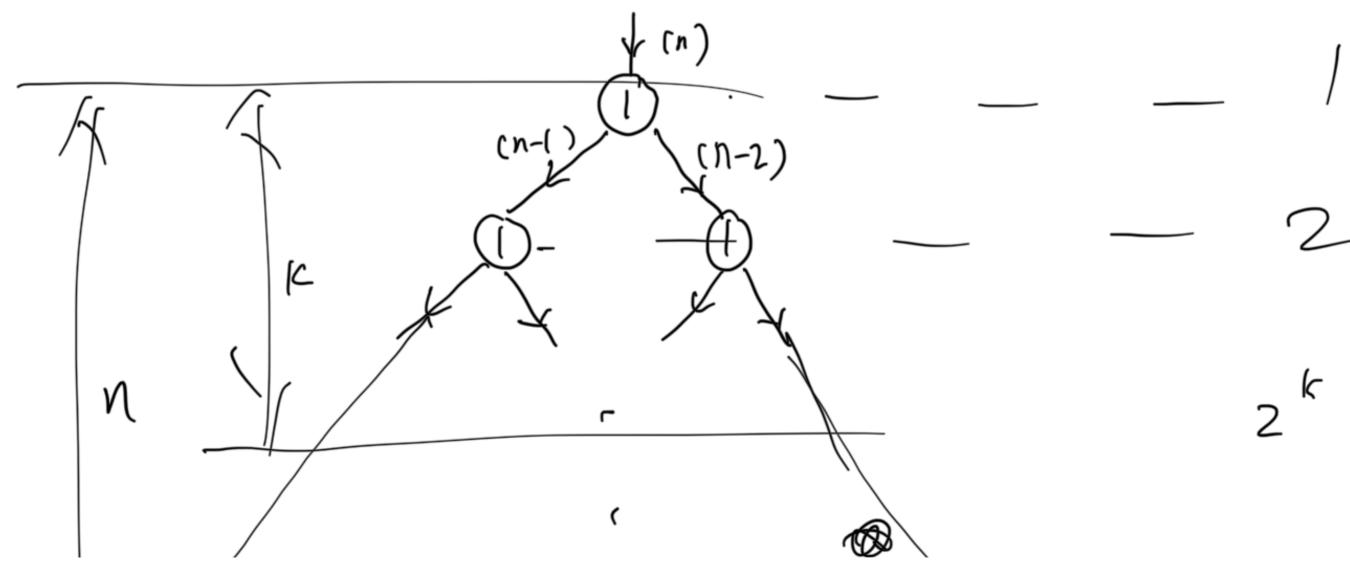
$$F(n) = f(n)$$

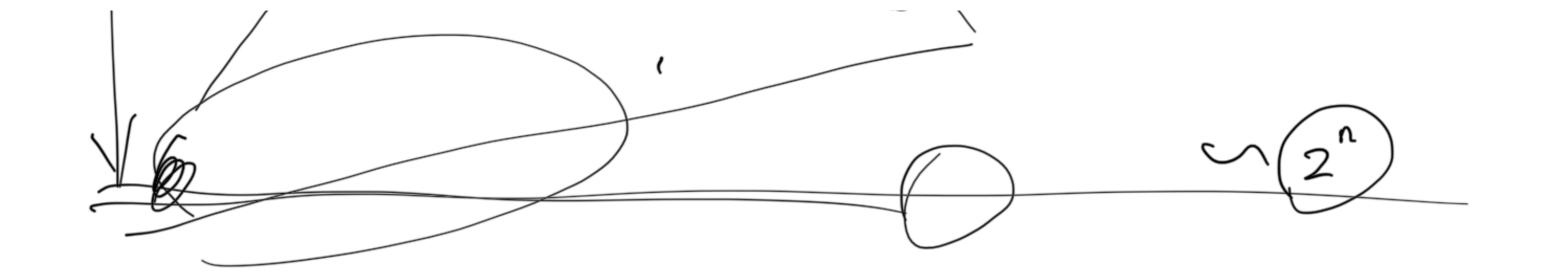
$$f(n) = f(n)$$

$$f(n) = f(n-1) + f(n-2)$$

$$f(n) = f(n-1) + f(n-2) + f(n)$$

$$f(n) = f(n-1) + f(n-2) + f(n)$$





Atil: Stock price change in day i,

P[i]: Stock price at day i

P (Sell) = 0 (n)

$$\begin{array}{c}
buy \\
P & i
\end{array}$$

$$\begin{array}{c}
p & i
\end{array}$$

$$l=1: n$$

$$l=1: n$$

$$l=1: n \rightarrow \theta(n^2)$$

l=n n41 Case Case 2 case 37-f(n) $T(\frac{n}{2})$ $T(n) = 27(\frac{n}{2}) +$ a=b=2 nlog2 6 (nlogh) nlogn (n) = Nfrom - and

7 (7) ~ (1) 5 j Aci) max $1 \le l \le \frac{n+1}{2} \le r \le n$ (n41)2 (l, γ) ME Aci)

ish max = Aci) 1625 nt W+1 N4/ <(>

