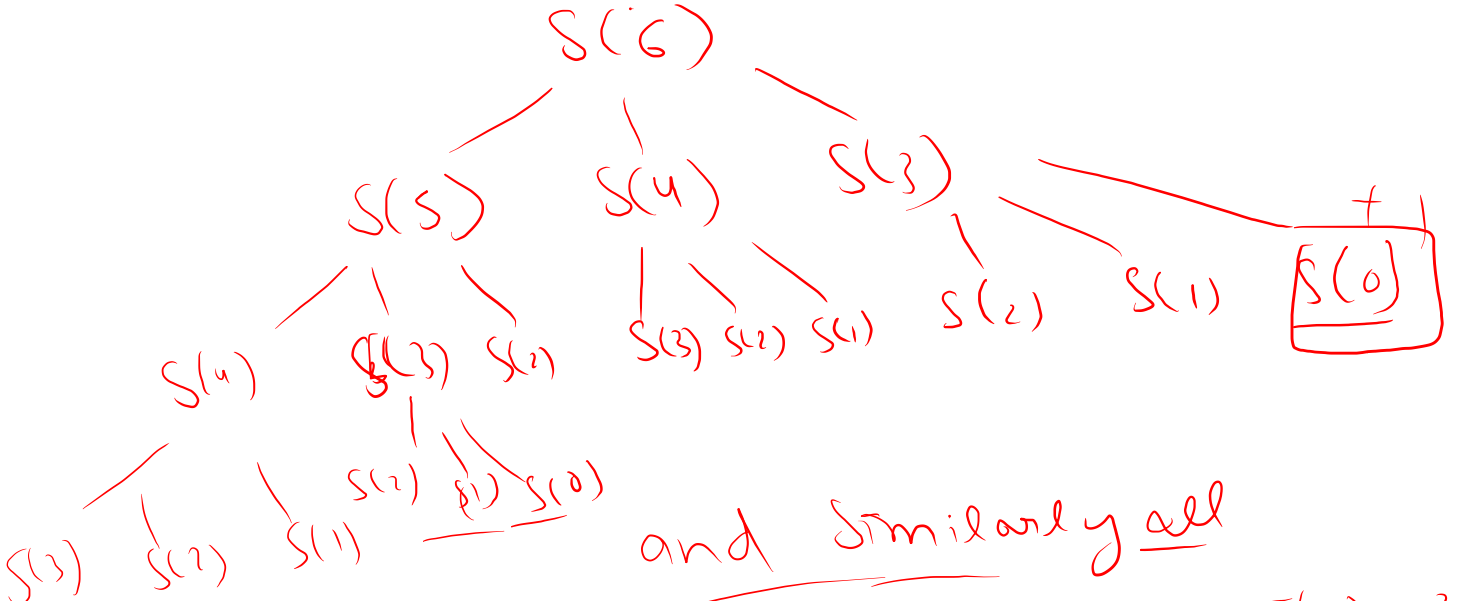
Recursion → Staircase problem

→ Here we need to count the ways the person can reach the top.

So, create a function



and similarly all

Base case → $S = 0$ & $S < 0$ & $T(n) = 3^n$