



Programming

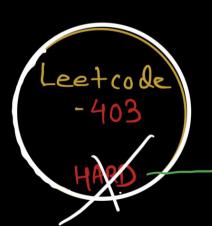


Note: This playlist is only for explanation of ans & solutions.



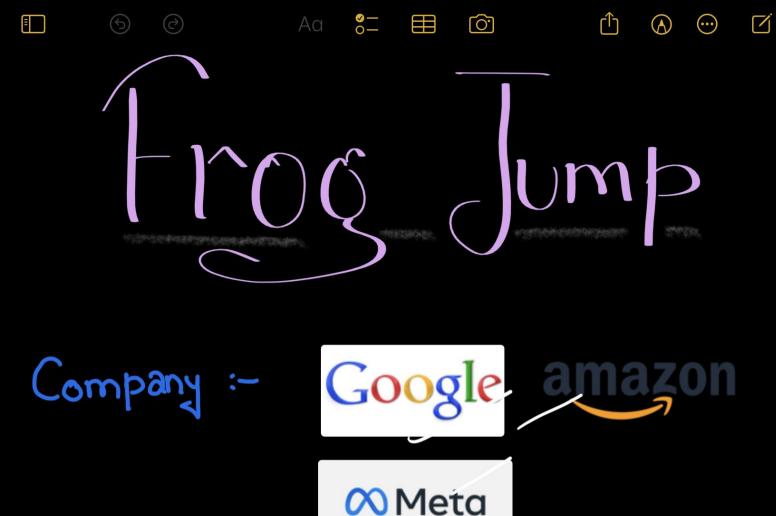
See my DP Concepts & and
Playlist for understanding

DP from &ratch...



Facebook] -> code storywith MIK
Twitter -> cswith MIK

-> Easy Simple Recoverion + Memoization



403. Frog Jump

Hard 🖒 4282

♀ 206

6 ♥ Add to List

C Share

A frog is crossing a river. The river is divided into some number of units, and at each unit, there may or may not exist a stone. The frog can jump on a stone, but it must not jump into the water.

Given a list of stones' positions (in units) in sorted ascending order, determine if the frog can cross the river by landing on the last stone. Initially, the frog is on the first stone and assumes the first jump must be 1 unit.

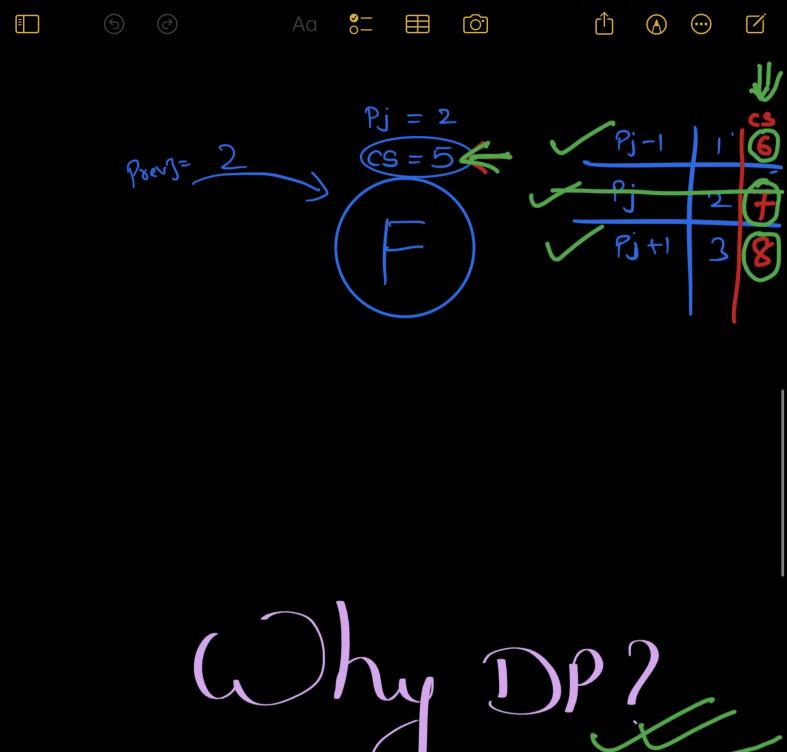
If the frog's last jump was k nits, its next jump must be eithe forward direction.

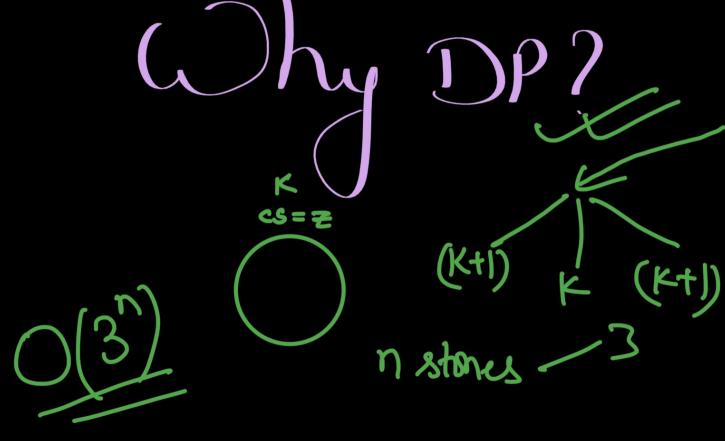


units. The frog can only jump in the

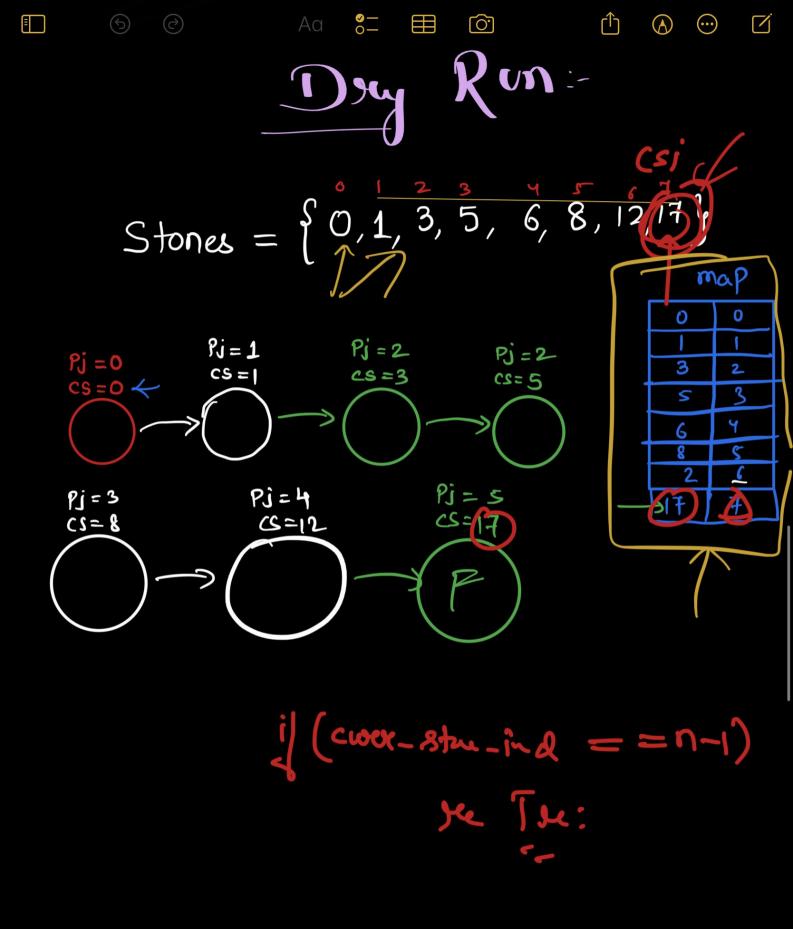
Example: Stones = $\{0,1,3,5,6,8,12,17\}$



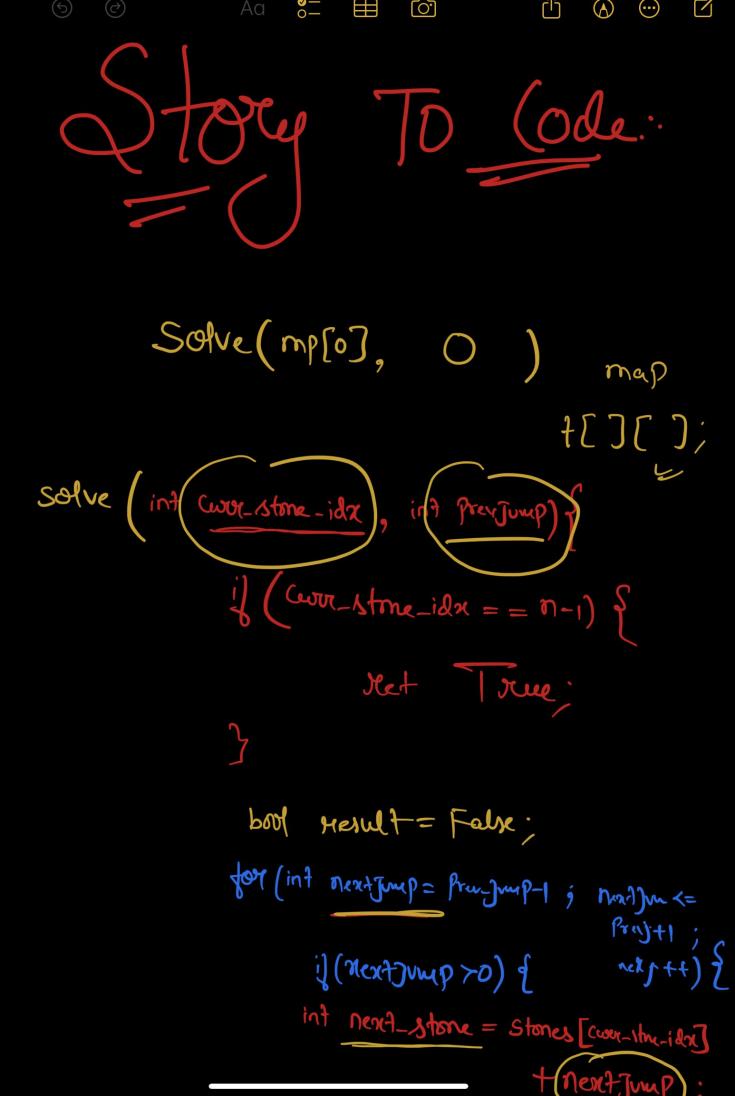




Dy Run:



Story To Code:



Ø (cour_strne_idx = = n-1) tet True: bood Herult = False; for (int nextjump= franjump-1 ; mai) un <= Projet1; nex 1++) } i) (next) unp >0) é int next_stone = Stones [cook_stre_idn] +(nextJump) il (mp. find(next-stone)!= wew) xesult = xesult Solve (mp[nent_stano].