

longest subarray with equal foreq of 0's, 1's and 2's $aros j = \begin{cases} 1, 1, 2, 0, 1, 0, 1, 2, 1, 2, 2, 0, 1 \end{cases}$ Brute force o

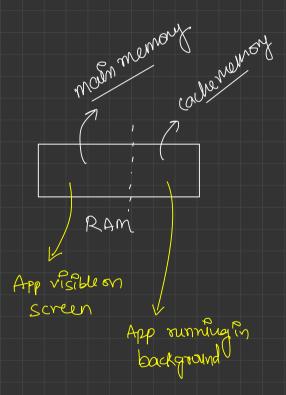
Splind all subarray, with freq of 0's, 1's & 2's

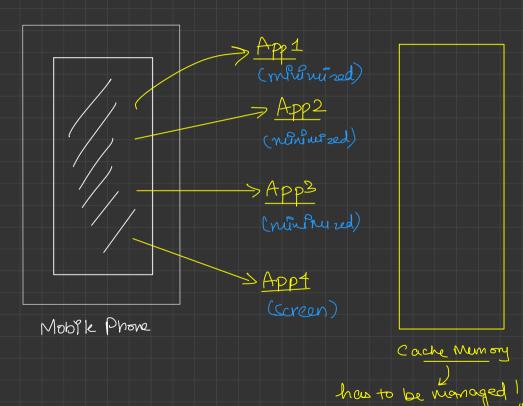
Calc. longer-having equal freq. TC:0(N2) SC:0(1) OCN)?

aros] = { 1, 1, 2, 0, 1, 0, 1, 2, 1, 2, 2, 0, 1} 0 0 0 1 1 2 2 2 2 2 2 3 122233445555 001111122344 0 1 2 2 1 2 1 2 2 3 3 3 2 0 -1 -2 -1 -1 -2 -2 -3 -2 -3 -2 -1 -1 code (ky)

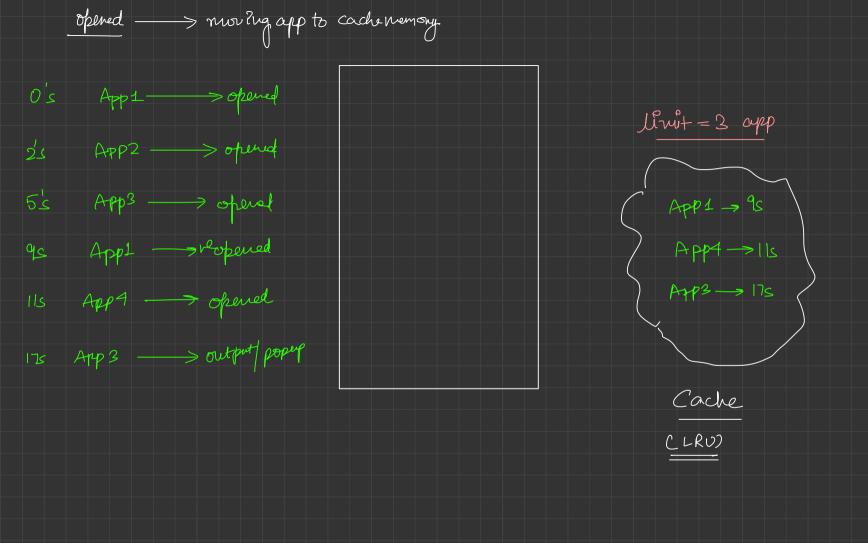
y-x, 2-y (Stohy)

LRU Cache

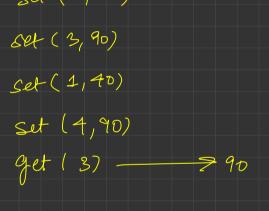


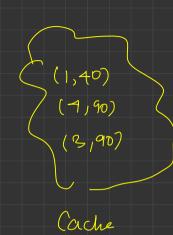


Cache Memory Managment LFU (least foreguently used) LRU
(Least Recently Used)



> maxin app cache memory com hold. class LRUCache { // your code here public LRUCache(int(capacity)) // your code here > read of public int get(int key) { > more this off to most recently used // your code here adds new application to cache memory public void set(int key) // your code here reopen or update a poser app eller a ur a nifa bolghtness





(ache (lingt = 3)

LRU Cadu (3)

Set (1, 10)

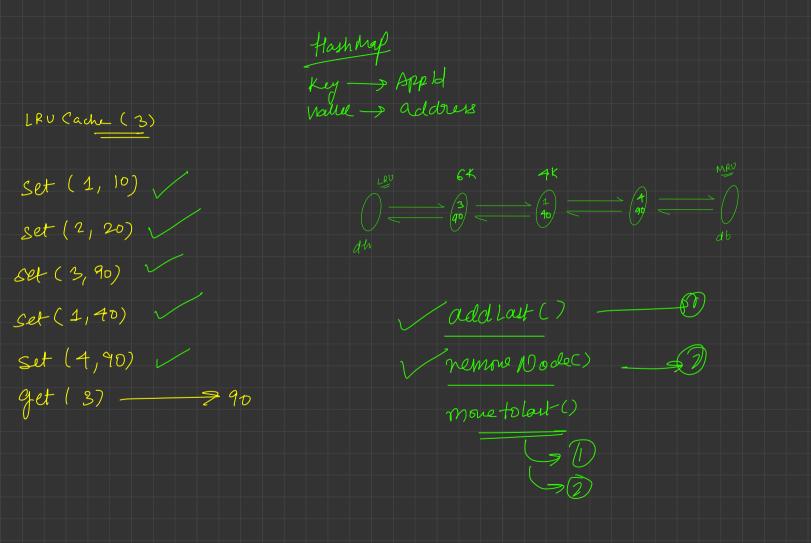
Set (2, 20)

Set (3, 90)

Set (1, 40)

Set (1, 90)

$$(4, 90)$$



SnapShot Array Put [] ar = { 0,20,0,0,90,0,-11} Set (1, 10) Set (4, 90) Enap () Set (1,5) Set (1, 20) set (6,-11) Swap () key value get (1,1) ~ 720 Hoshwap < snap-id, array > get (1,0) ~> 10

