Tentative Plan

Friday, 10 September 2021

4:55 PM

Remaining.

Annays and Stoling-

12) stacks and dum-

Seanthing 851ting

Heap and flash Map

Tries 6 Bits.

Day-1

Long pressed name

Container with most water

Squarre of Sorted ormany

Majority Element

Majority Element - 2

Majority Element General

Week-1

Schedule?

friday- 6:30 - 10:30

Soturday - 2:20 - 6:10

Emdq - 21,20-61,10

Day 2

1 Next Greater-III

2 Max. product of 3 No.

(3) Max chunk to make among

9 Max chinks - II

(5) Longst Number atleast

Sort array by panity

Indroduchons

Syrnc. - Cooperate

Rayneeth & Shreeth

2) Hand Robe Gap Responsive

3) Doubt Honoutly

Day 3

1) No. of Subarray with bounded max

(2) Wiggle Sort -1

(3) wiggle Sort-2

Reverse vouels et string

Froduct of array Except itself

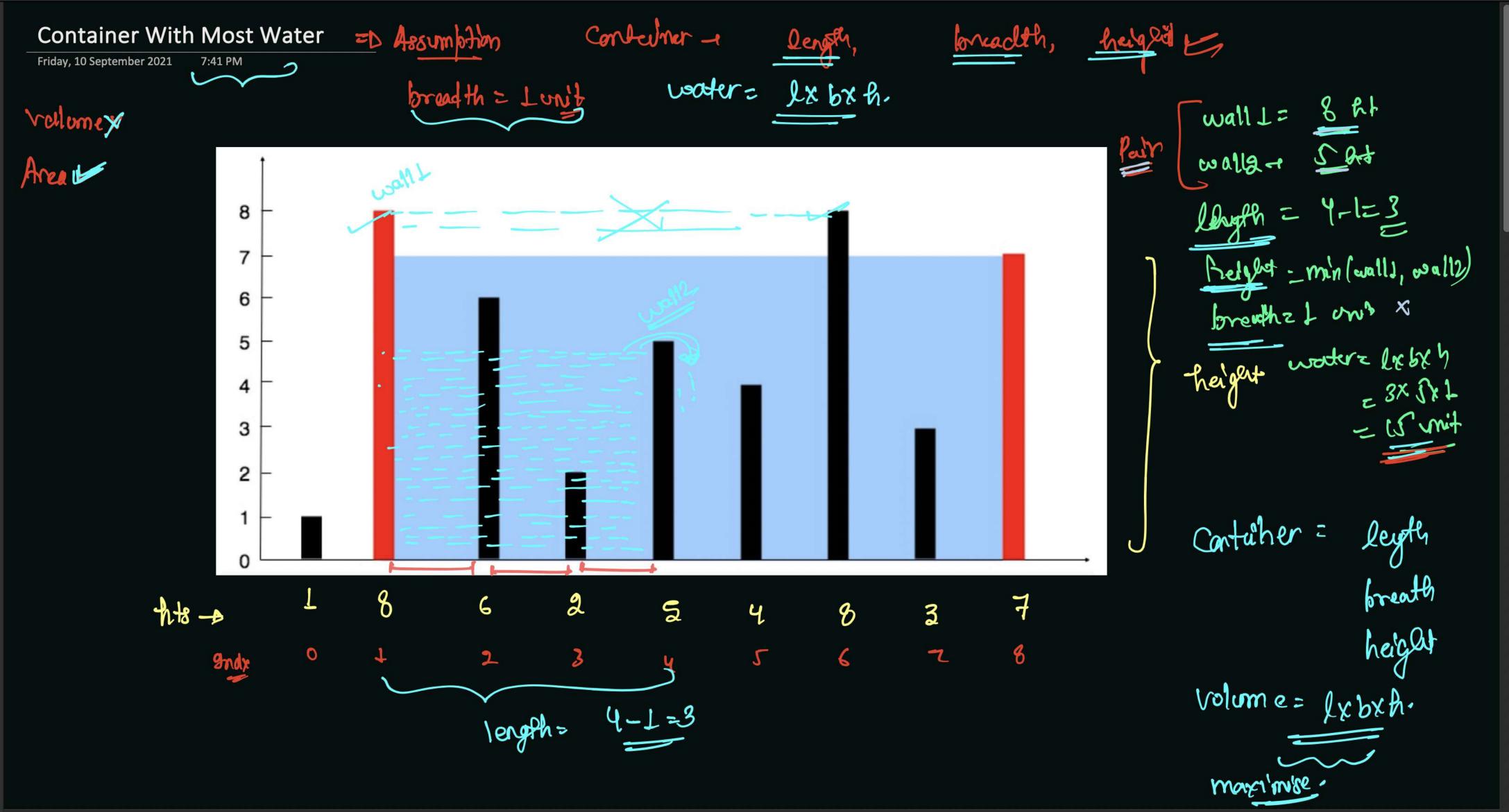
(1) Maximise distance to closest one

| Long Pressed Name Friday, 10 September 2021 G:44 PM Grample | 1 typed - | "aaaa bbb cc" True — 9+ is correct | rame or | y correct typing for not?? |
|---|--------------------|--------------------------------------|---------------------|----------------------------|
| Example 2 | Nome - " Typed - C | abbacde" a bbaddee' alse | is possibly not con | red typig |
| Edge content | Hint + type | ed Is correct in its | H:nt2-1 | Monne is longer thom |

Renge:

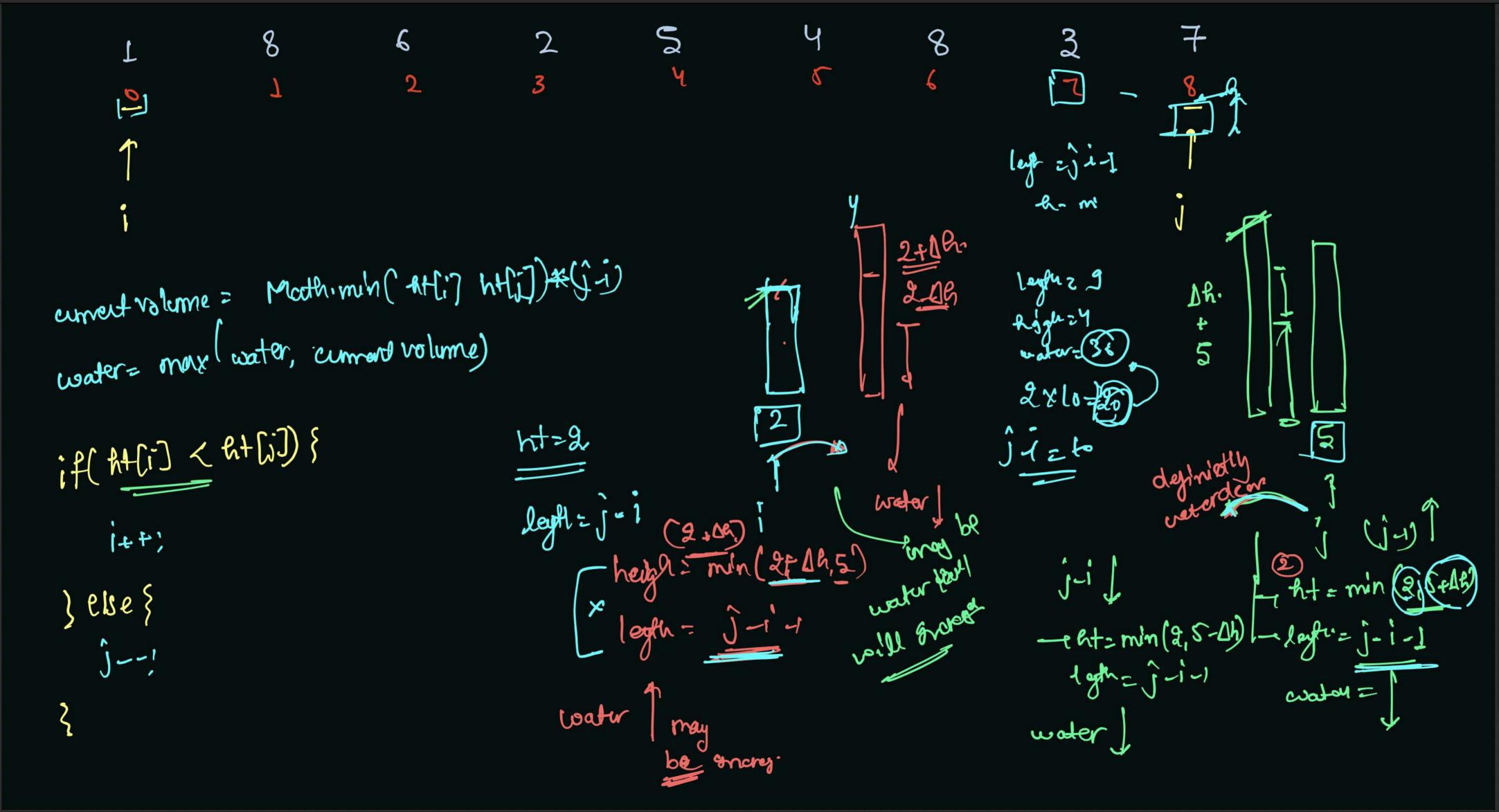
typed-

9 mplementations name > aabbcc(aabbc name = name = b aaa bbbccccccaa typed = typed -1 la c cd catile (ilj are rold) chart Att (1) if (chort A+(i) == chort A+(j)) { validity of (i-1) charft(1-1))} selse ? nome+ charden rosum false.



6 8 2 3 0(n2) 7,8 6.7 1,2 Bout e force mar CLB 1.3 0,2 0.3 1,4 water = lx & 0, 4 1,5 R= mim(ht[i], ht[j]) (A) 125 1,7

leigth.



| Square of Sorted Array | | | | | | | |
|---|--------|-------------|------|------|----|------------------|------------------|
| Friday, 10 September 2021 8:53 PM | amay - | o 2 | 3 | 6 | ٩ | 10 | |
| Approach Square. X All no. the store? No. are thore? | arre |) 4 !! | 9 | 36 | 81 | | max sque |
| Square - Sorted X | 16 | . 9 | -3 4 | -2 0 | 0 | 2 6 g 4 36 | 8) Armost tre |
| 780-7 | 106 | 4 2 10 | 4 2 | 1c | K | 2 lc 36 81 81 81 | K |

Why swappoing of Element will not work? if (nums[i] & mm[j] < nums[i] & num[i])? 16>4 - Swap, j--, ((, 1, 2mum) garas 1--1 omposis -e 2,1-e D, (4) miss - (8) Complex Algorian

| Majority Element Friday, 10 September 2021 9:07 PM | Majority — | Mo. of | occumence | > n/2 | | |
|--|------------------------------|-----------|-------------|-------------|------------------|-----------------|
| valid condidate—e | | 2 | 3 4 | 5 | 7 8 | 9 9 |
| - paining of distinct | et Element | | | | | 1 |
| | - May be it is Element | 1 1 | | 3 | 5. | Vollid bondidak |
| | Call | n paired | valid con | ndidale for | | |
| 87eps for Find | solution—> Valid condid | ate for x | rojon'ty el | emut with | panting of Eleme | y distinct |
| 2 Check | if condid | ate is pr | revent in | Majenity | or not? | |

How to find Valid condidate for majority using paining of distint stund?? may - 2 3 3 2 2 4 2 4 2 2 1 1 1 1 97 may be MOORES if (vall = = am[i]) { majonity count 1++; VOTING ALGO. val = am[o] count = 1 zelses gf majonity if (connt > 0) { To find Majonity. Court -- ; 3 else s Exist then val= am[i], deprively val is count = 1; majority'

am loop of i (o)mø = 110v if(am(i) == vall) } count1 = 1 count! tt! ral2 = am [o] //any initial val-Courta = 0 Cout 2 tt! 3 the 1 W11= X 3 com+1=XXX &XXX 1 vala= La Consta = & X & X & X & X 3 else 9 Court L - - !

Check if val 1 and 3 else if (antij== vala)} Val 2 force more than M3 frag if(con+ 1 = 20) { vall = amfi]; Edge coe count El! vala 1 = vall s else if (court ez zo)! unile addly val2 zamli], count = !!

Vallat & X Countlat & X X X X X X Exist tun and val 2 according to val2=1/2 count 2 to X & X St Strong present, 'n val 1 and val2 majority 2, 2 18

| Majority Eleme | nt General | | Dis ausima | | | A | of array |
|---------------------------|------------|---------------|-------------|-----------|----------|------------|-------------------------------|
| Friday, 10 September 2021 | 10:20 PM | | | | | *** | Sterr +1 |
| | Majon | ty - | having free | more t | hom h | | Low ramay size - kg |
| | | | | | | NK K | Hash Map |
| if | consider | Equal y | elents, l | new treny | element | arre possi | ble- freq-map |
| | | 28 | 产二次 | | | | Jug is |
| | | . al | Kerck | | | | hore than hill Ce add it i |
| | | 710-89 Set | | | | | 2001/ |
| | | so for | more thor | 10 | it Shoul | d be | [K-1] reg/ |
| | | | | ic | | | |
| | h 3 | 7 2 Elen | 77 | | | | |