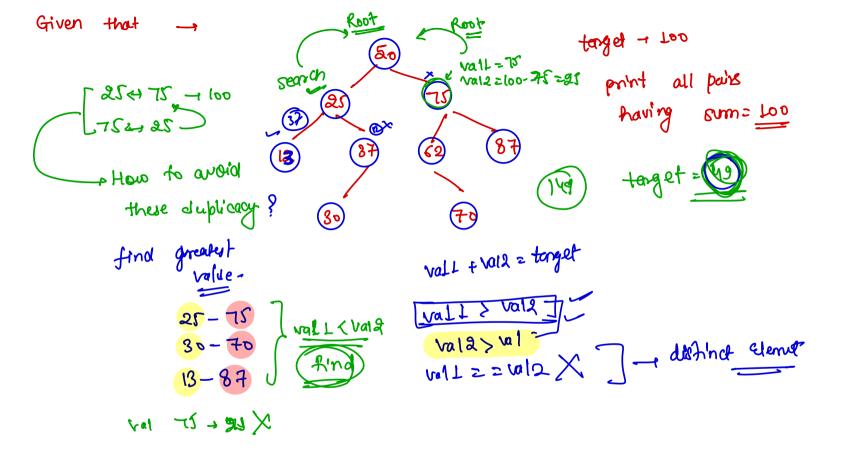
Date: 16th Jonney 2022 1. Pair with Given sum in two sorted mamices: Pairs With Given Sum In Two Sorted Matrices 2. Smallest Subarray With All Occurrences Of The Most Frequent El... $A \rightarrow$ 3-X Of A Kind In A Deck 4. Brick Wall Lo ore randomly Elements of modnies - oldizzog arranged-0(n2) 21-102(11 Tanget = 21 1) Add Element of methics A in Hashmap vall=2 UT= L Val2: 21-2=19 with freq-Travel on matrix B, set first element voll = B[i][j], and find count = 10 search for target-vall 21-12 = in Has hmab. Space 21-16= 5 21-20 (1)



with all occurence of the most Propert Element: sub array Smallest Smallet Subarray Fmap -3- 2 & + 3 } Most frequent Element 4 72 5+3 } Most frequent Element [6+1 7-1

X of a kind in a deck of conds: simple on ar - 1 2 3 4 4 3 21 Le postition - size21 1) parshtibin contains similar Element 3 of possible other Falsepushistion gize >2 @ size g all passit for should be some, 1 1 2 2 3 4 4 1 - 2 Similar gom Size of sportithm is some. 4-2

3 2 1 4 4 2 4 2 3 2 3 2 111 | 222 | 222 | 333 | 444 1 partition have Similar type element 1 purshitions have Equal Size? conclusion + partition 8120 should be smaller freq 1

freq. map splitting?
1 Canil - Frum
a - GCD if GCD >= & JARROU == False-
3 - (10) Solve prob potherwise - False-
(i) Make freq. map.
freq. 4, 6, to (1) Find GCD of frequeriely
GCD - 2.
$(\varphi_{-}(1) \rightarrow -\infty)$
1 1 1 2 2 2 2 2 3 3 3 3 3 3 3 3 3
1 1 1 2 2 2 2 2 2 2 3

1 3 2 4 2 3 4 2 5 6 5 5 7 7 7 7 7 7 7 7 7 7 7 7 1 12 7 1 12 7 max. freq = X & 2 Stonking Inder fmap Start = 800 2 → 1 2 → 2 end = Schamot Index 11 3-1/2 length = X & B 2-1/2/3 5-18 (freq < marrier)

Nothing to do 4-1/2 4 [end-stort +1] 5-1/2 3 7-18 7-41 Space - O(n) Change max freq Etant, End, leyth-

