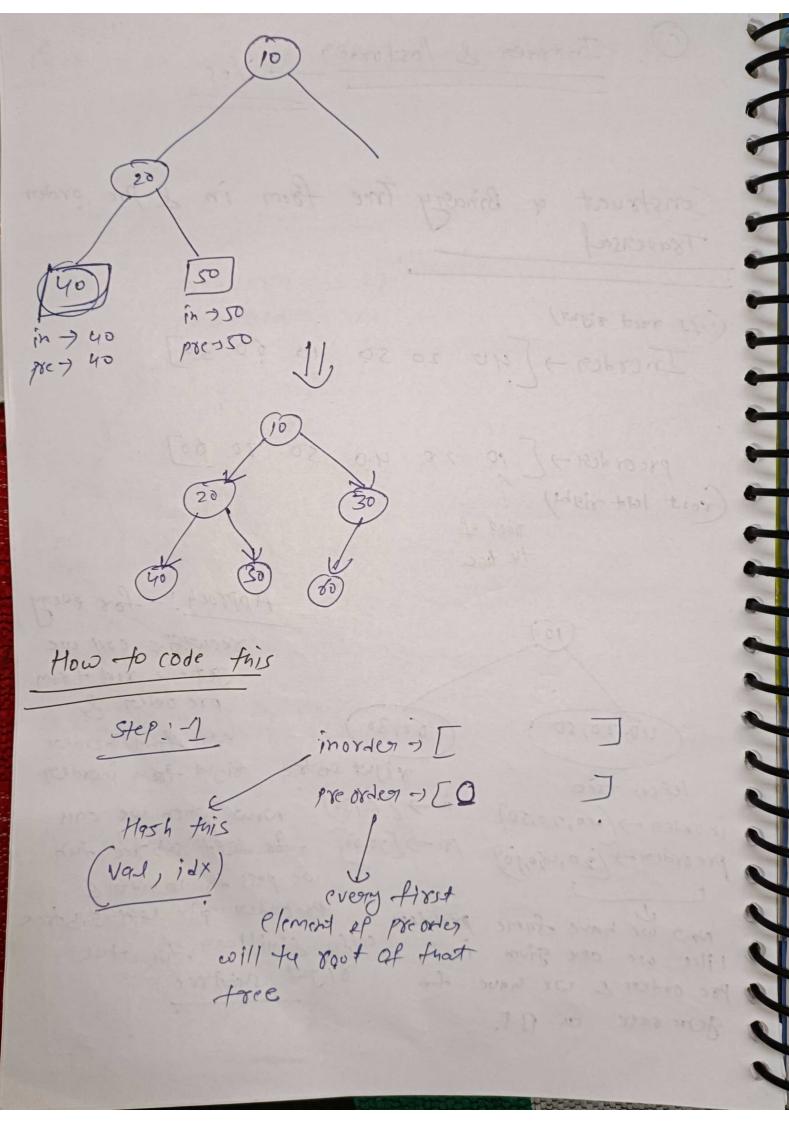
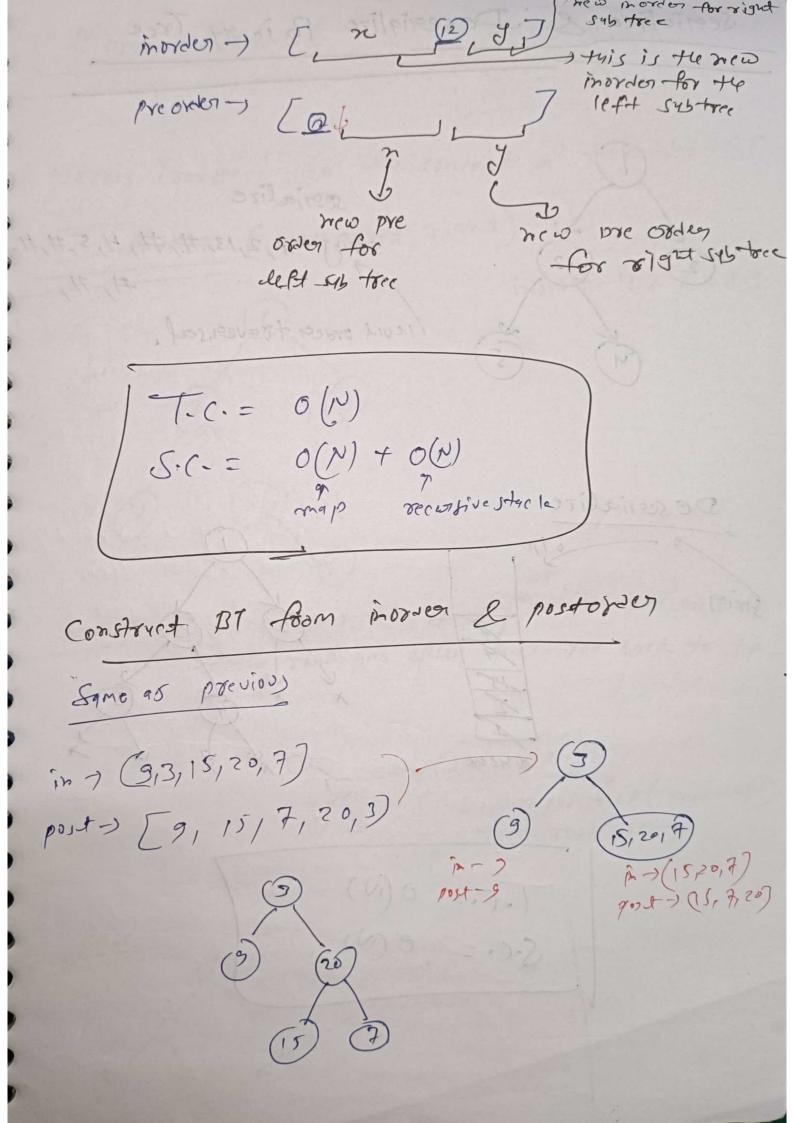
Que. Can you construct q unique Brinary Free with following? (c) Preorder & Postorder pre-order + 1 23 POSt-08209-) 32 L pre- orden - 123 post-082en - 321 pre-order-123 post-orden-32L from preorder & postorder you early constraint 4xique Br. (b) Inorden & Preorden Yes end book 81924 = [2,3,15,20,7] Eggs 20, (15,20,7)

Inorder & Postoder y Yes Construct a Binary Tree from in & pre order Traversal Inorden -) [40 20 50 10 60 30] (relt soot eigns) preorder -> [10 20 4.0 .50 30 \$0]

(roit left right)

Toot of the fore Approch: - for every recursive call we get fu roit from pre order & (60,30) left from morden (40,20,50) oright subtone vight from inorder lefsys tree in -) [60,30] Now when we call inoxden - (40,20,50) pre-)[30,60] for left subtree tun pre order -> [20,400,50] we pass fy in order & . Proorder for left subtree Now we have Same Problem also similiary for the Tille we con given in & right subtree Proc order & we have to generate a BT.





Segnialize & Desegnialize 13 inany Tree serialize Stoil 1 + , 2, 13, #, #, 4, 5, #, #, #, #, / revise order fraversel, De senialize Strivo Qyene · (= 0 (N) S-(= 0(N)