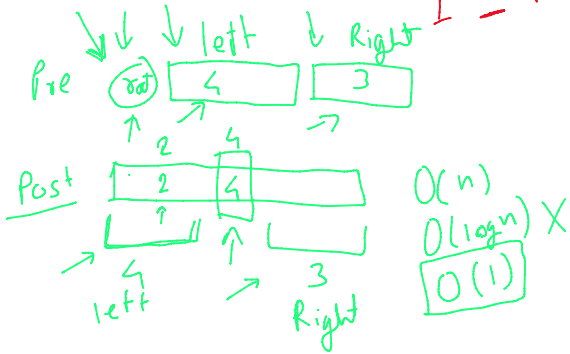
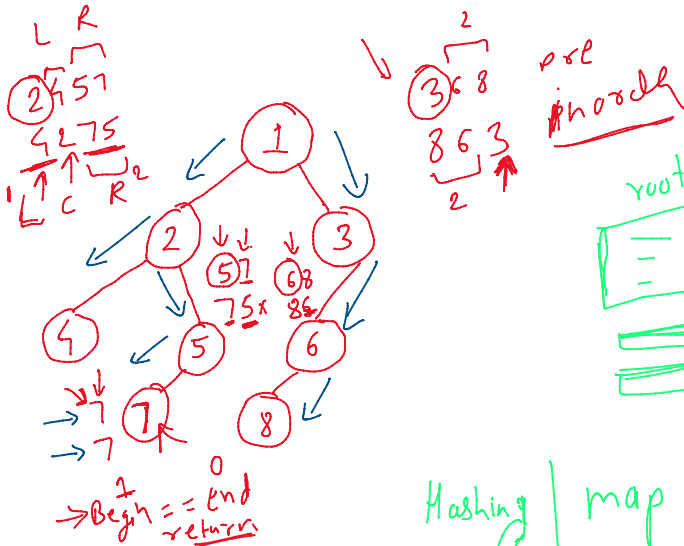


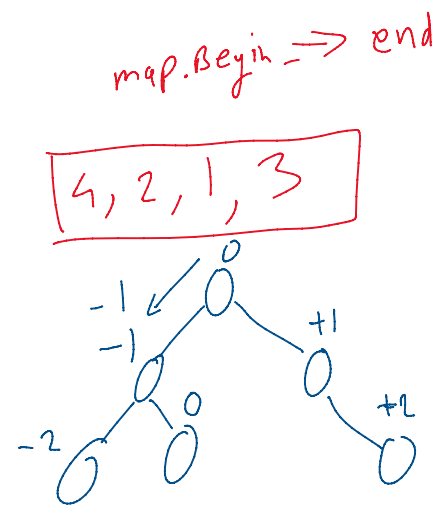
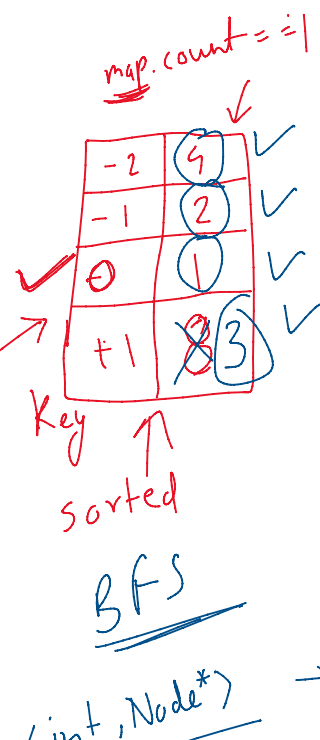
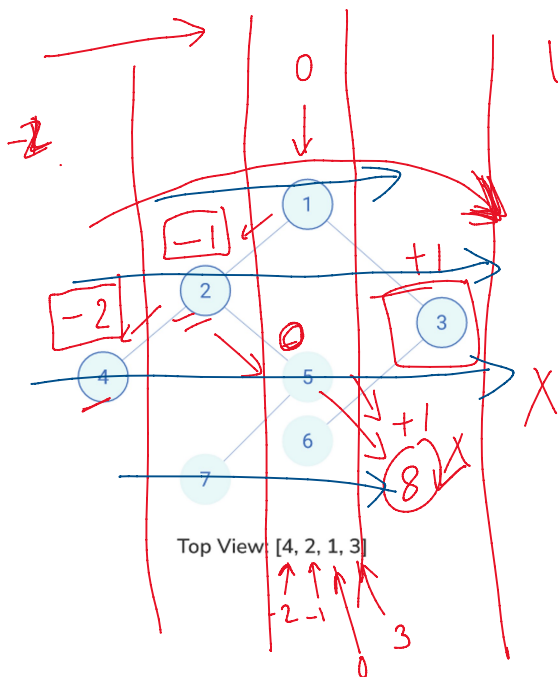
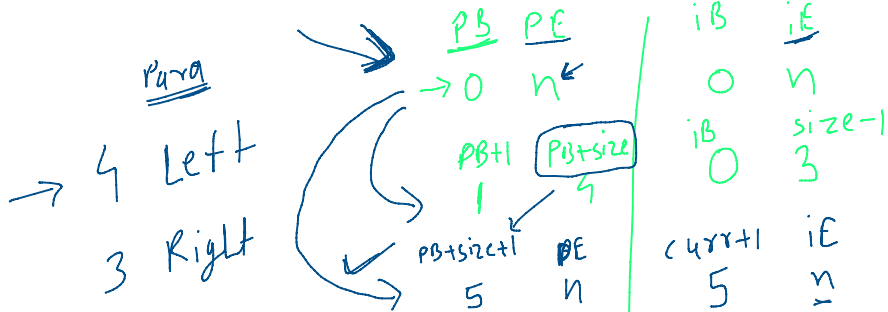
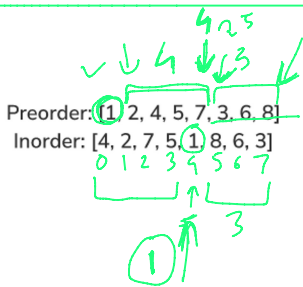
# Day 30 - Binary Tree

17 September 2022 08:19

Preorder: [1, 2, 4, 5, 7, 3, 6, 8]  
Inorder: [4, 2, 7, 5, 1, 8, 6, 3]



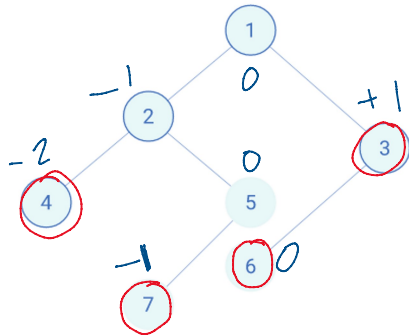
Hashing / map  
ele  $\rightarrow$  keys  
index  $\rightarrow$  value



1 1 1 3 1

Pair <int, Node\*> → 0 root

<-1, root->left>



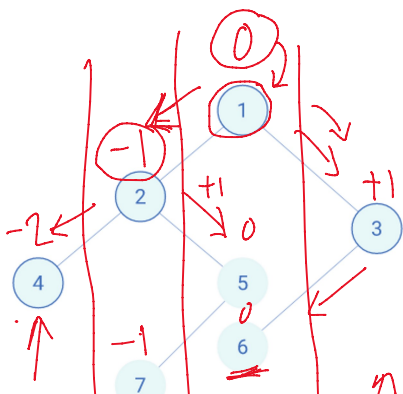
Top View: [4, 2, 1, 3]

Sum

0	<del>5</del> 6
-1	<del>2</del> 7
+1	3
-2	4

Bottom View

4, 7, 6, 3



Top View: [4, 2, 1, 3]

Bottom - 4, 7, 6, 3

-1	2
0	<del>5</del> 6

Top  
Bottom

Theory  
code

Pair <int, Node\*>

<0, 1>, <-1, 2>, <1, 3>

curr  
Anuj X

<-2, 4>  
→ <0, 5>