CP-CS1-M

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0. Implement traversals recursively - Inorder, Preorder, PostOrder, LevelOrder,
1. Implement traversals iteratively - Inorder, Preorder, PostOrder, LevelOrder
2. Print Left/Right/Bottom/Top view of the Binary Tree
3. Construct tree from inorder and preorder traversal (Easy to Medium)
4. LCA of Binary Tree (Recursive/Iterative)
5. Diameter of Binary Tree
6. Sum of all nodes of Binary Tree (Easy)
7. Max Sum path from the leaf to leaf.
8. Mirror Tree / Identical tree (Easy)
9. Height of Binary Tree
10. Check if the tree is a (full binary tree/balanced binary tree/perfect binary tree) or not
11. Serialize/Deserialize Binary Tree
12. Connect Nodes on the same level (Hard)
13. Convert each level in Binary Tree to Doubly LinkedList (Hard)
14. Reverse Level Order, Spiral Level Order, Boundary Traversal, Vertical Traversal
15. Construct Special Binary Tree from given Inorder traversal
16. Print root to leaf path in Binary tree (Easy)
17. Print Cousins of a given Nodes in a binary tree
18. Print all nodes at K distance. (Hard)
19. Find Largest Subtree sum in Binary Tree (Easy to Medium)

H/W : Construct tree from inorder and postorder traversal (Easy to Medium)