

ASSIGNMENT - 5

Trees

1. Implement traversals - Inorder, Preorder, PostOrder, **LevelOrder** (Code All 4 traversals)
2. Print Left/**Right/Bottom**/Top view of the Binary Tree (Code All 4 views)
3. **Construct tree from inorder and preorder traversal (Easy to Medium)**
4. LCA of Binary Tree
5. Diameter of Binary Tree
6. Max Sum path from the leaf to leaf.
7. **Connect Nodes on the same level (Hard)**
8. Convert each level in Binary Tree to Doubly LinkedList (Hard)
9. **Print root to leaf path in Binary tree (Easy)**
10. **Print all nodes at K distance. (Hard)**
11. **Find Largest Subtree sum in Binary Tree (Easy to Medium)**
12. **Construct tree from inorder and postorder traversal (Easy to Medium)**
13. **Check if a binary tree is a BST or not**
14. **Check if 2 trees are mirror of each other**