TREES:

Level Order Traversal in Spiral Form

Reverse Level Order Traversal

Vertical Sum in a given Binary Tree

Difference between sums of odd level and even level nodes of a Binary Tree

Check if all leaves are in same level or not

Delete a tree

Zig-Zag Traversal of Tree

Boundary Traversal of binary tree

Count leaf nodes in a binary tree

Lowest Common Ancestor in a BINARY Tree

Print nodes at distance K from root

Print Left View of a Binary Tree

In a binary tree, if parent is 0, then left child is 0 and right child is 1. if parent is 1, then left child is 1 and right child is 0. Root of the tree is 0. Find the kth node value which is present at Nth level

Convert the given Binary tree to its Double tree

Find the node with minimum value in a BST

Add all greater values to every node in a given BST

Inorder Successor in BST

Lowest Common Ancestor in a BST

Check if two trees are Isomorphic

Check if a given binary tree is SumTree or not

Check if given Binary Tree is BST or not

Check if Binary Tree is Balanced or not

Check if given BT is Complete Binary Tree or not

Check if given Binary Tree can be Folded or not

Convert Tree to its Mirror Tree

Convert a given tree to its Sum Tree

Check for children sum property

Convert a BT to a tree that holds children sum property

Compiled By Sreenivasan AC

Convert a BST to a Binary Tree such that sum of all greater keys is added to every key

Find k-th smallest element in BST

Find pair of numbers in a BST adding upto K

Two nodes of a BST are swapped, correct the BST

Print BST keys in the given range

Remove BST keys outside the given range

Remove all nodes in a BST which lie on a path having sum less than k

Print all root-to-leaf Paths

Root to leaf path sum equal to a given number

Find the maximum sum leaf to root path in a Binary Tree

Print Ancestors of a given node

Print ancestors of a given binary tree node without recursion

BST to DLL

Sorted DLL to Balanced BST

Sorted Array to Balanced BST

Sorted Linked List to Balanced BST

Merge Two Balanced Binary Search Trees

Serialisation - storing a BT in a file

Construct Tree from given Inorder and Preorder traversals

Construct Special Binary Tree from given Inorder traversal

Construct a special tree from given preorder traversal

Construct Full Binary Tree from given preorder and postorder traversals

Construct Tree from Ancestor Matrix

Construct Ancestor Matrix from Tree

Find the largest BST subtree in a given Binary Tree if entire subtree has to be taken

Find the largest BST subtree in a given Binary Tree if part of subtree can also be taken

Find the maximum weight node in a tree if each node is the sum of the weights all the nodes under it. Tree nodes can have negative weights.

Morris Inorder Traversal - Threaded binary Trees

Ternary Search Tree

TRIE