

BINARY SEARCH TREE

Search and Insert in BST,

Deletion from BST,

FIND:

Minimum value in a Binary Search Tree,

Inorder predecessor and successor for a given key in BST,

Inorder Successor in Binary Search Tree,

Lowest Common Ancestor in a Binary Search Tree,

Find k-th smallest element in BST (Order Statistics in BST),

Find the largest BST subtree in a given Binary Tree,

Find if there is a triplet in a Balanced BST that adds to zero,

Find a pair with given sum in a Balanced BST,

Total number of possible Binary Search Trees with n keys,

Floor and Ceil from a BST,

CHECK:

Check if a binary tree is BST or not,

Check for Identical BSTs without building the trees,

Check if each internal node of a BST has exactly one child,

PRINT:

Sorted order printing of a given array that represents a BST,

Print BST keys in the given range,

MODIFY/UPDATE:

Add all greater values to every node in a given BST,

Two nodes of a BST are swapped, correct the BST,

Remove BST keys outside the given range,

CONSTRUCT/TRANSFORM:

Construct BST from given preorder traversal | Set 1,

Construct BST from given preorder traversal | Set 2,

Binary Tree to Binary Search Tree Conversion,

Transform a BST to **greater sum tree**,

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

Sorted Array to Balanced BST,

Sorted Linked List to Balanced BST,

Merge two BSTs with limited extra space,

In-place conversion of **Sorted DLL to Balanced BST**,

Merge Two Balanced Binary Search Trees,