

TREE

Basic Level Questions:

- Create a class Tree consisting of 3 members (data, left pointer and right pointer) , including all these functions:
 - Insertion of Node
 - Deletion of Node
 - Inorder Traversal (Recursive and Iterative)
 - Preorder Traversal (Recursive and Iterative)
 - Postorder Traversal (Recursive and Iterative)
 - Level Order Traversal
 - Reverse Level Order traversal
 - Searching of Value
 - Height of tree
 - Diameter of Tree
 - Mirror of Tree
 - Check tree is balanced or not
 - Find minimum value in tree
 - Find maximum value in tree

[Follow here: <https://www.geeksforgeeks.org/binary-tree-data-structure/>]

- Create a class BST(Binary Search Tree) consisting of 3 members (data, left pointer and right pointer) , including all these functions:
 - Insertion into BST
 - Deletion from BST
 - Level order print
 - Traversal(inorder , preorder and postorder)
 - Searching a value in BST
 - Check if is BST or not
 - Find inorder successor and inorder predecessor
 - Print all root node to leaf node paths
 - Find min and max value in BST

[Follow here: <https://www.geeksforgeeks.org/binary-search-tree-data-structure/>]