

# DSA Lab Assignment 12 (Binary Search Tree)

## Problem Statement (Binary Search Tree Traversal):

- A. Write a C program to build a Binary Search Tree or Sorted Binary Tree, and perform following operations
  - a. Insert an Item into the Binary Search Tree
  - b. Delete an Item from the Binary Search Tree
  - c. Print Leaf/Terminal nodes & non-leaf/ Non-terminal nodes of the binary search tree.
  - d. Print the nodes at each level of the binary search tree.

## Lab File Writing:

1. Algorithm to Insert in Binary Search tree
2. Algorithm to Delete from Binary search tree
3. Algorithm to print leaf and non-leaf nodes in the binary tree.
4. Algorithm to print nodes at each level of the binary tree
5. Conclusion