LAB 11

**Trees**

**Note: Write all programs in C/C++ using function and pointer concept.**

1. WAP to check whether given tree is a binary search tree or not.
2. WAP to implement inorder, preorder and postorder traversal in binary tree.
3. WAP to search a node in a given binary search tree.
4. WAP to insert a node in a given binary search tree.
5. WAP to delete a node from a given binary search tree.
6. Write the programs for following:
   1. Determining the height of binary tree
   2. Determining no. of nodes of binary tree
   3. Determining no. of internal nodes of binary tree
   4. Determining no. of external nodes (leaf nodes) of binary tree
   5. Determining mirror image of binary tree