



भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी  
**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI**

**Data Structure Lab, B.Tech 2nd Semester**

**Assignment -10**

1. Write a C program to create a binary search tree. It should be a menu driven program. The users may be asked to insert a node; traverse the tree in inorder, preorder and postorder; delete a node; search for a given value; and exit. If the user chooses any option other than exit, the task is performed and tree is updated and then user is again shown the menu.
2. Write a C program to merge two binary search trees.