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Subject Code: CS-201   Subject: Data Structures
Semester: 3rd Department: CSE
Course: B.Tech   Section: A

You have to write the time complexities and space complexities in the lab copies for all questions.

1. Write a program to perform the following operations using recursion-

    (a) Inorder traversal
    (b) Preorder traversal
    (c) Postorder traversal

2. Write a program to perform the following operations without using recursion-

    (a) Inorder traversal
    (b) Preorder traversal
    (c) Postorder traversal

3. Write a program to perform level order traversal of a binary tree.

4. Write a program to perform a zig-zag traversal of a binary tree.

5. Write a program to perform the Morris traversal on a binary tree.