1. WAP program to create binary tree and traverse the tree using Inorder, PreOrder, Post Order Traversing Technique.

2. WAP to create and delete a node from a binary Search tree. Traverse the BST using Level Order Traversing Technique.

3. Write a program to insert N employee information into the Binary tree. Write a function to a. Search an Employee and display his details. b. Display the Average salary of Employees between the age 20 and 25.

4. Given the root node of binary tree, write a program that will compute the following

a. The number of leaf nodes

b. Total number of nodes in the tree.

c. Display all the values of the nodes

5. Write a program to insert N employee information into the Hash Table. Hash value should be the age of the employee.

a. Write a function to Search an Employee and display his details.

b. Display the Average salary of Employees between the age 22 and 25.

6. Create a graph using adjacency list and traverse it using DFS.

7. Create a graph using adjacency matrix and traverse it using BFS.

8. Create a graph using adjacency list and display the connected components using DFS.

9. Implement Rabin-Karp algorithm for string-matching.

10 Implement Huffman coding.