**LIST OF PROGRAMS**

**(\*) Trees**

1. **Write a program to perform the following conversions of Expression :**
2. **Infix to Postfix**
3. **Infix to Prefix**
4. **Postfix to Infix**
5. **Postfix to Prefix**
6. **Prefix to Infix**
7. **Prefix to Postfix**
8. **Write a program to evaluate a Postfix expression.**
9. **Write a program to perform the following operations on a Binary Search Tree using Linked List :**
10. **Insertion**
11. **Searching**
12. **Traversal**
13. **Inorder**
14. **Postorder**
15. **Preorder**
16. **Sorted Order**
17. **Deletion**
18. **Write a program to perform the following operations on a Binary Search Tree using Arrays :**
19. **Insertion**
20. **Searching**
21. **Traversal**
22. **Inorder**
23. **Postorder**
24. **Preorder**
25. **Sorted Order**
26. **Deletion**
27. **Write a program to perform Tree Traversal using the following implementations :**
28. **Stack**
29. **Father Field**
30. **Threads**
31. **Write a program to implement Expression Tree and perform the following operations :**
32. **Insertion**
33. **Evaluation**
34. **Write a program to implement the concept of Huffman Tree.**
35. **Write a program to implement the General Ordered Tree (n>2).**

**(\*) Graphs**

1. **Write a program to implement a graph using:**

**a) Adjacency Matrix**

**b) Adjacency Linked List**

**2. Write a program to perform the following algorithms :**

**a) DFS (Depth First Search)**

**b) BFS (Breadth First Search)**

**3. Write a program to implement the Djikstras Algorithm.**

**4. Write a program to implement:**

**a) Prim’s Algorithm**

**b) Kruskal’s Algorithm**