

DATA STRUCTURE AND PROGRAM DESIGN

LAB – 05

Write a program to insert Number of Nodes in the Binary Tree and Traverse in Inorder , Preorder and Post Order and Search an element in Binary Tree(Display NULL if not found, If found Display Found)

SAMPLE OUTPUT:

```
58     }
59
60     void postorder(struct Node* root) {
61         if (root != NULL) {
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB> ./a.exe
Enter number of nodes to insert: 4
Enter 4 elements:
1
6
7
8

Inorder Traversal: 8 6 1 7
Preorder Traversal: 1 6 8 7
Postorder Traversal: 8 6 7 1

Enter value to search: 7
Found
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB> █
```