

# 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:

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```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS C:\Users\prach\OneDrive\Desktop\DSPD LAB> gcc Practical-5.c
PS C:\Users\prach\OneDrive\Desktop\DSPD LAB> ./a.exe
Enter number of nodes: 8
Enter value of node 1: 8
Enter value of node 2: 11
Enter value of node 3: 811
Enter value of node 4: 118
Enter value of node 5: 85
Enter value of node 6: 90
Enter value of node 7: 78
Enter value of node 8: 8

Inorder Traversal: 8 8 11 78 85 90 118 811
Preorder Traversal: 8 11 8 811 118 85 78 90
Postorder Traversal: 8 78 90 85 118 811 11 8

Enter element to search: 811
Found
PS C:\Users\prach\OneDrive\Desktop\DSPD LAB> []
```