

## DATA STRUCTURE AND PROGRAM DESIGN LAB – 06

6. Implement Binary search tree(BST) with following Menu operations.

1. Search an element in BST(Display NULL if not found, If found Display Found)
2. Insert an element in BST
3. Delete leaf element in BST
4. Exit

### SAMPLE OUTPUT:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\prach\OneDrive\Desktop\DSPD LAB> gcc Practical-6.c
PS C:\Users\prach\OneDrive\Desktop\DSPD LAB> ./a.exe

1.Search
2.Insert
3.Delete leaf
4.Exit
Enter choice: 1
Enter element to search: 8
NULL

1.Search
2.Insert
3.Delete leaf
4.Exit
Enter choice: 2
Enter element to insert: 811
BST Inorder: 811

1.Search
2.Insert
3.Delete leaf
4.Exit
Enter choice: 1
Enter element to search: 811
Found
```

