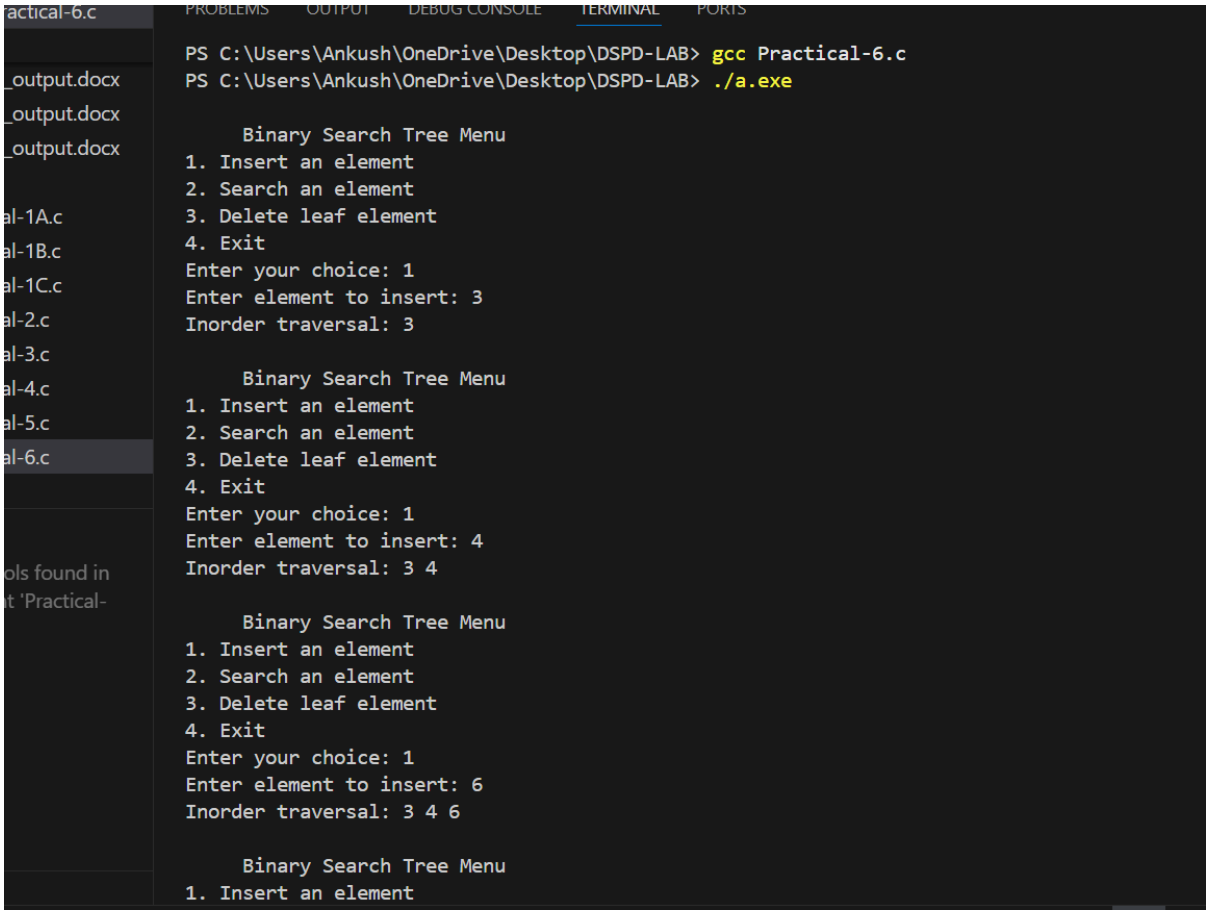
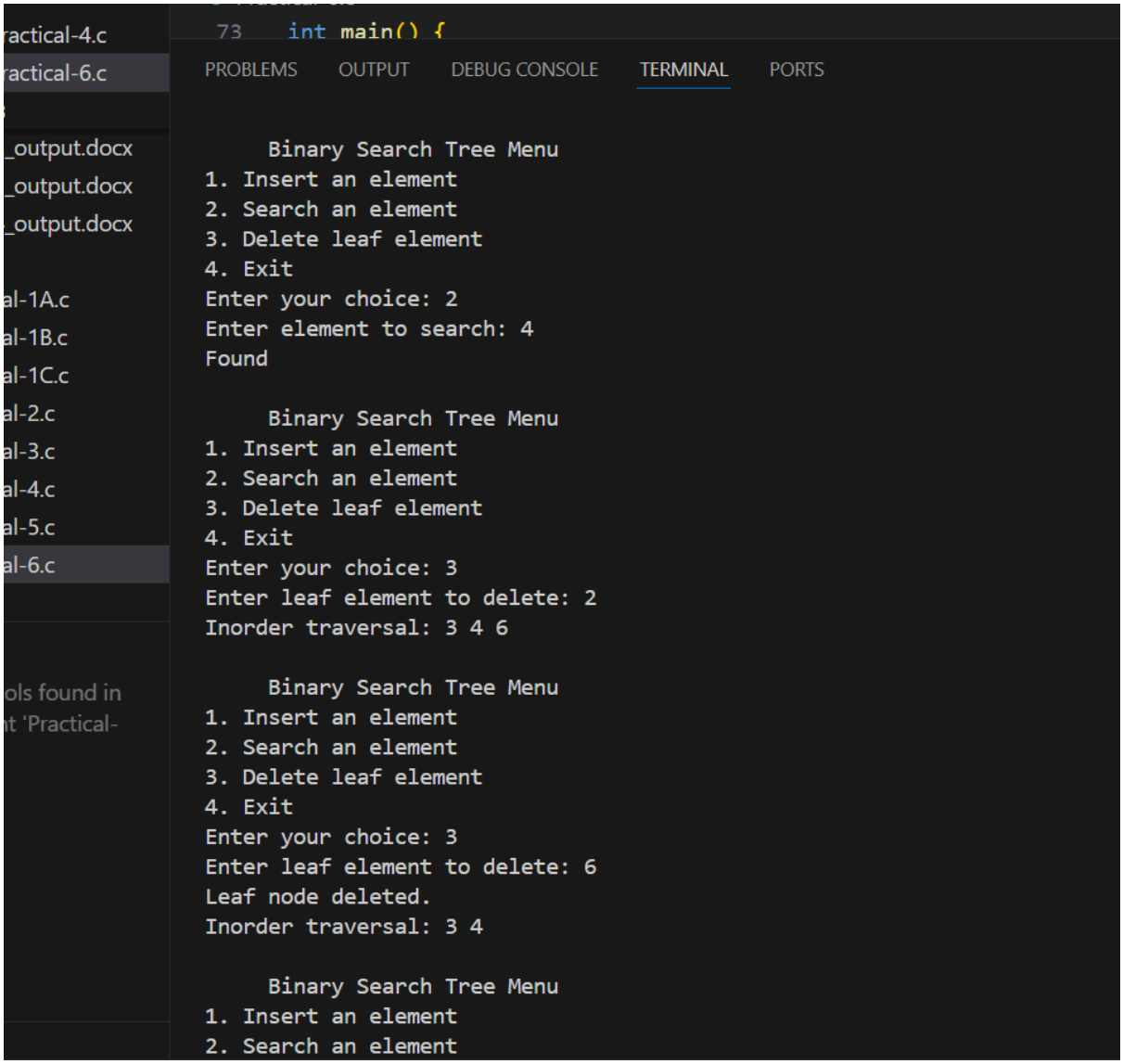
DATA STRUCTURE AND PROGRAM DESIGN LAB – 06

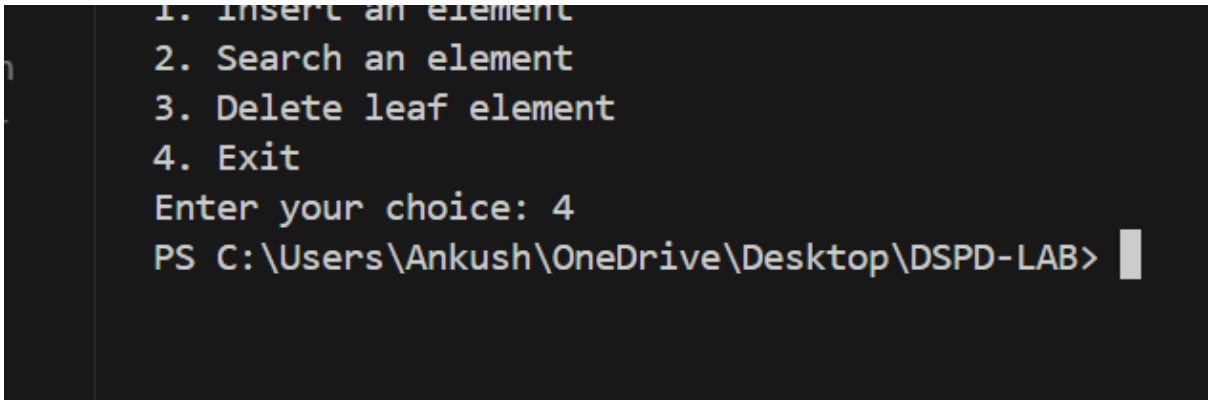
6. Implement Binary search tree(BST) with following Menu operations.

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:




ractical-4.c
ractical-6.c
_output.docx
_output.docx
_output.docx
al-1A.c
al-1B.c
al-1C.c
al-2.c
al-3.c
al-4.c
al-5.c
al-6.c
ols found in
t 'Practical-
73 int main() {
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Binary Search Tree Menu
1. Insert an element
2. Search an element
3. Delete leaf element
4. Exit
Enter your choice: 2
Enter element to search: 4
Found
Binary Search Tree Menu
1. Insert an element
2. Search an element
3. Delete leaf element
4. Exit
Enter your choice: 3
Enter leaf element to delete: 2
Inorder traversal: 3 4 6
Binary Search Tree Menu
1. Insert an element
2. Search an element
3. Delete leaf element
4. Exit
Enter your choice: 3
Enter leaf element to delete: 6
Leaf node deleted.
Inorder traversal: 3 4
Binary Search Tree Menu
1. Insert an element
2. Search an element


2. Search an element
3. Delete leaf element
4. Exit
Enter your choice: 4
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB>