```
Enter Choice: 1
Enter value: 15

--------------------
AVL Tree Menu
--------------------
1. Insert Element
2. Delete Element
3. Display Tree
4. Inorder Traversal
5. Preorder Traversal
6. Postorder Traversal
7. Level Order Traversal
8. Exit
Enter Choice: 3
Tree Structure:

                        1
                2
                        3
        4
                        5
                6
                        7
0
                        9
                10
                        11
        12
                        13
                14
                        15
--------------------
AVL Tree Menu
--------------------
1. Insert Element
2. Delete Element
3. Display Tree
4. Inorder Traversal
5. Preorder Traversal
6. Postorder Traversal
7. Level Order Traversal
8. Exit
Enter Choice: 2
Enter value to delete: 12
```

```
Enter Choice: 2
Enter value to delete: 12

---------------------
AVL Tree Menu
---------------------
1. Insert Element
2. Delete Element
3. Display Tree
4. Inorder Traversal
5. Preorder Traversal
6. Postorder Traversal
7. Level Order Traversal
0. Exit
Enter Choice: 3
Tree Structure:

                              1
                    2
                              3
          4
                              5
                    6
                              7
8
                              9
                    10
                              11
          13
                    14
                              15
---------------------
AVL Tree Menu
---------------------
1. Insert Element
2. Delete Element
3. Display Tree
4. Inorder Traversal
5. Preorder Traversal
6. Postorder Traversal
7. Level Order Traversal
0. Exit
Enter Choice: 2
Enter value to delete: 8
```

```
Enter Choice: 2
Enter value to delete: 8

---------------------
AVL Tree Menu
---------------------
1. Insert Element
2. Delete Element
3. Display Tree
4. Inorder Traversal
5. Preorder Traversal
6. Postorder Traversal
7. Level Order Traversal
8. Exit
Enter Choice: 3
Tree Structure:

                            1
                    2
                            3
            4
                            5
                    6
                            7
    9
                    10
                            11
            13
                    14
                            15
---------------------
AVL Tree Menu
---------------------
1. Insert Element
2. Delete Element
3. Display Tree
4. Inorder Traversal
5. Preorder Traversal
6. Postorder Traversal
7. Level Order Traversal
8. Exit
Enter Choice: 4
Inorder: 1  2  3  4  5  6  7  9  10  11  13  14  15

---------------------
```

Inorder: 1 2 3 4 5 6 7 9 10 11 13 14 15

AVL Tree Menu
----
1. Insert Element
2. Delete Element
3. Display Tree
4. Inorder Traversal
5. Preorder Traversal
6. Postorder Traversal
7. Level Order Traversal
8. Exit
Enter Choice: 5
Preorder: 9 4 2 1 3 6 5 7 13 10 11 14 15

AVL Tree Menu
----
1. Insert Element
2. Delete Element
3. Display Tree
4. Inorder Traversal
5. Preorder Traversal
6. Postorder Traversal
7. Level Order Traversal
8. Exit
Enter Choice: 6
Postorder: 1 3 2 5 7 6 4 11 10 15 14 13 9

AVL Tree Menu
----
1. Insert Element
2. Delete Element
3. Display Tree
4. Inorder Traversal
5. Preorder Traversal
6. Postorder Traversal
7. Level Order Traversal
8. Exit
Enter Choice: 7
Level order: 9 4 13 2 6 10 14 1 3 5 7 11 15

Trees (Run)   ×   240:7/240:9288   INS