```
--------------------------------------------
--
        LCA OF BINARY TREE
--------------------------------------------
--
Enter the root of the tree
10
--------------------------------------------
--
        LCA OF BINARY TREE
--------------------------------------------
--
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
1
Enter position
10
Enter value
3
Enter Left or Right(0/1)
0
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
1
Enter position
10
Enter value
4
Enter Left or Right(0/1)
1
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
1
Enter position
3
Enter value
2
Enter Left or Right(0/1)
0
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
1
Enter position
3
Enter value
1
Enter Left or Right(0/1)
1
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
1
Enter position
4
Enter value
5
Enter Left or Right(0/1)
0
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
1
Enter position
4
Enter value
6
Enter Left or Right(0/1)
1
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
2
2
3
1
10
5
4
6
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
3
Enter First Node
2
Enter Second Node
6
Searching 3 as root
Searching 4 as root
Lca is 10
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
3
Enter First Node
2
Enter Second Node
1
Searching 3 as root
Searching 4 as root
Searching 2 as root
Searching 1 as root
Lca is 3
Enter your choice
1.      Insert
2.      Display Inorder
3.      LCA
4.      Exit
```