Advanced Programming Practices

Lab - 13

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1. For a given binary tree, write a program to find the level for the user given element. (assuming the level of root node is 0)
2. For a given binary tree, write a program to traverse the tree using level-order traversing.
3. For a given binary tree, write a program to count the total number of nodes, internal nodes and external nodes.
4. For a given binary tree, write a program to create a binary tree that is a mirror image of the given binary tree.

   You can use the binary tree created in Lab-12, program-1 for above programs.

5. Write a program to create a binary tree from preorder and inorder traversal given by the user.
6. For the binary tree created in program-5, check whether the given binary tree is a strict binary tree or not.