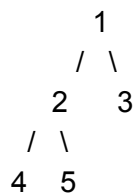


(ASSIGNMENT 10: Tree)

WAP to create a level-order tree for the given input and do the following operations:

- 1) List Preorder, Inorder, Postorder traversal and draw the level-order tree for each
- 2) Find the level of any given node
- 3) Draw a table representation of the tree
- 4) Insertion, deletion of any node

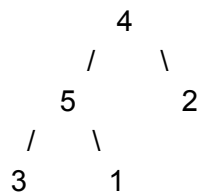
For example, the level-order tree of given input array of elements 1, 2, 3, 4, 5 is



1) Preorder Traversal : 1 2 4 5 3

Inorder Traversal : 4 2 5 1 3

Postorder Traversal : 4 5 2 3 1



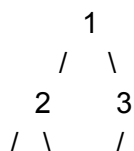
2) Please enter the element: 3

Level of 3 is: 2

3)

item	leftchild	rightchild
1	2	3
3	4	5

4) Enter the element for insertion: 7



4 5 7

Enter the element for deletion: 4

