

Data Structures and Algorithms Lab

Assignment-4

1. Write a menu-driven program for a binary tree using linked representation to
(a) Create (b) Preorder traversal (c) Inorder traversal (d) Postorder traversal
2. Write a menu-driven program for a binary tree using an array to
(a) Create (b) Preorder traversal (c) Inorder traversal (d) Postorder traversal
3. Implement a threaded binary tree (inorder)
4. Write a menu-driven program for a binary search tree to
(a) Create (b) search an element (c) insert element (d) delete an element
5. Write a menu-driven program to implement an AVL tree through functions
(a) Create (b) search an element (c) insert element (d) delete an element