

Data structures Lab

Exercise - 6

Date:25/08/25

BST Implementation and Application

- 1) Construct a BST with integer data and do the following:
 - a) Delete an integer data
 - b) Find the maximum integer data
 - c) Search for an integer data
 - d) Display the tree(inorder)
- 2) Construct a BST to store Book type data and perform the following operations on it. The Book type data includes B.No, Title, Author, Publisher, Price, number of books sold.
 - a) Insert a book in to the tree
 - b) For a given B.No, retrieve the details of the Book.
 - c) Display the details of the book that has sold the most.
 - d) Display the B.No using Inorder traversal.
 - e) Count the number of books