

COSC 2007 Section O & LAB O

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Lab 4: Binary Search Tree

Pseudocode/Algorithm:

- A class Node to represent each node of the binary tree.
- A class BinarySearchTree to represent the binary tree.
 - A method insert to construct the binary tree from the array.
 - A method inorder to perform the inorder traversal of the binary tree.
 - A method search to search for a key in the binary tree.

Code:

No input necessary

Output:

The algorithm works as expected.

Lab5 Report:

In this program:

- Node class represents each node in the tree.
- BinarySearchTree class provides methods to insert new nodes and perform an inorder traversal. In main