

Data Structure

Tree Representation and Binary Search Tree (BST)

1. Write a code to construct a Binary Tree using LinkedList.

```
Struct node{  
    int value;  
    Node *left;  
    Node *right;  
}
```

2. Implement following Traversal for the above Tree:

- I. Inorder
- II. Pre-order
- III. Post-Order

3. Create a Binary Search Tree Class:

- a. Add a method to search **x**

```
Serchnode(int x)  
{  
}
```

- b. Add a method to add a node.