(Implementation in Java)

```
public class binarySearchTree {
class node {
    int data;
    Node left, right;
    public Node(int data){
        this.data = data;
        left = right = null;
    }
}
Node root = null;
public Node root;
public BinarySearchTree(){
    root = null;
}
pu
public void insert(Node node, int value){
    if (value < node.value){
        if (node.left != null){
            insert(node.left, value);
        }
```

```
        else {
            System.out.println("Inserted" + value
            + "to left of Node" + node.value);
            node.left = new Node(value);
        }
    }
    else if (value > node.value){
        if (node.right != null)
            insert(node.right, value);
        else{
            System.out.println("Inserted" +
                value + "to right of
                node" + node.value);
            node.right = new Node (value);
        }
    }
}
```