// 1 Binary Search Tree : Insertion

public static Node insert(Node root,int value)

{

if(root == null) {

root = new Node(value);

} else if(value < root.data){

root.left = insert(root.left,value);

} else if(value > root.data) {

root.right = insert(root.right,value);

}

return root;

}

//2 Tree: Height of a Binary Tree

public static int height(Node root) {

if(root == null) {

return -1;

}

return Math.max(height(root.left), height(root.right)) + 1;

}