1.Write a Java program to Check if a binary tree is binary search tree or not

**Code:**

class Main

{

static class Node

{

int data;

Node left, right;

};

static boolean isBST(Node root, Node l, Node r)

{

if (root == null)

return true;

if (l != null && root.data <= l.data)

return false;

if (r != null && root.data >= r.data)

return false;

return isBST(root.left, l, root) &&

isBST(root.right, root, r);

}

static Node newNode(int data)

{

Node node = new Node();

node.data = data;

node.left = node.right = null;

return (node);

}

public static void main(String args[])

{

Node root = newNode(2);

root.left = newNode(2);

root.right = newNode(2);

root.left.left = newNode(2);

root.left.right = newNode(2);

if (isBST(root,null,null))

System.out.print("Is BST");

else

System.out.print("Not a BST");

}

}

**Output:**

