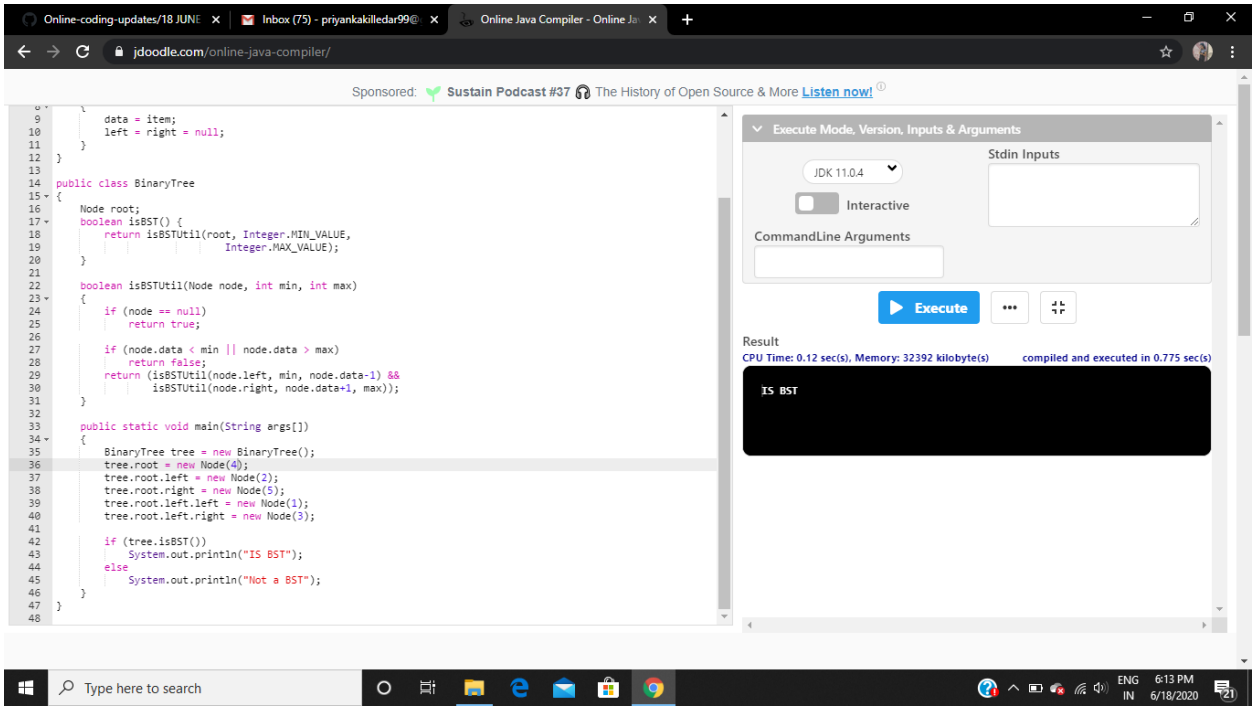
Write a Java program to Check if a binary tree is binary search tree or not

```
class Node
{
    int data;
    Node left, right;

    public Node(int item)
    {
        data = item;
        left = right = null;
    }
}

public class BinaryTree
{
    Node root;
    boolean isBST() {
        return isBSTUtil(root, Integer.MIN_VALUE,
                                    Integer.MAX_VALUE);
    }

    boolean isBSTUtil(Node node, int min, int max)
```

```
    {
        if (node == null)
            return true;

        if (node.data < min || node.data > max)
            return false;
        return (isBSTUtil(node.left, min, node.data-1) &&
                isBSTUtil(node.right, node.data+1, max));
    }
    public static void main(String args[])
    {
        BinaryTree tree = new BinaryTree();
        tree.root = new Node(7);
        tree.root.left = new Node(2);
        tree.root.right = new Node(5);
        tree.root.left.left = new Node(1);
        tree.root.left.right = new Node(3);
       if (tree.isBST())
            System.out.println("IS BST");
        else
            System.out.println("Not a BST");
    }
}
```

Node= 4,2,5,1,3 IS BST



Node= 7,2,5,1,3 IS NOT BST