1. Implement the private method countGreater in the BinaryTree class.

2. Implement the private method countLeaves in the BinaryTree class.
import java.util.*;
import java.io.*;

public class BinaryTree {
    //Implements a binary tree of ints
    private class Node {
        private Node left;
        private int data;
        private Node right;
        private Node(Node L, int d, Node R) {
            left = L;
            data = d;
            right = R;
        }
    }
    private Node root; //In an empty tree the root is null

    public int countGreater(int d) {
        //if the tree is empty return 0 otherwise return
        //the number of values in the tree greater than d
        return countGreater(root, d);
    }

    private int countGreater(Node r, int d) {
        //if r is null return 0 otherwise return
        //the number of values in the subtree rooted at r
        //that are greater than d
    }

    public int countLeaves() {
        //if the tree is empty return 0
        //otherwise return the number leaves in the tree
        return countLeaves(root);
    }

    private int countLeaves(Node r) {
        //if r is null return 0 otherwise return
        //the number of leaves in the subtree rooted at r
    }
}