Count nodes in range

class TreeNode

{

int val;

TreeNode left,right;

TreeNode(int x)

{

data=x;

left=right=null;

}

}

public class MyClass {

public static void main(String args[])

{

int rangelow=5;

int rangehigh=45;

//Tree construction and Root node is lets say x;

int x=count(root,5,45);

System.out.println(x);

}

static int count(TreeNode root, int min, int max)

{

if(root==null)return 0;

if(root.val>=low && root.val<=max)

{

return 1 + count(root.left,min,low) + count(root.right,min,max);

}

else if(root.val<low) //root val is less than low so we check right node (high value nodes)

{

return count(root.right,min,max);

}

else

{

return count(root.left,min,max);

}

}

}