

Imagine I define a class like this:

```
public class MikesIntTreeNode {
    int myValue;
    MikesIntTreeNode myLeft; //holds smaller tree nodes
    MikesIntTreeNode myRight; //holds larger tree nodes

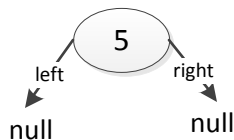
    public MikesIntTreeNode(int value) {
        myValue = value;
        //this is not necessary (myRight and myLeft default to null)
        myLeft = null;
        myRight = null;
    }

    public void add(int newValue)
    {
        if(newValue < myValue) {
            System.out.println("adding " + newValue + " on left");
            if(myLeft == null) {
                myLeft = new MikesIntTreeNode(newValue);
            } else {
                myLeft.add(newValue);
            }
        } else {
            //newValue >= myValue
            System.out.println("adding " + newValue + " on right");
            if(myRight == null) {
                myRight = new MikesIntTreeNode(newValue);
            } else {
                myRight.add(newValue);
            }
        }
    }
}
```

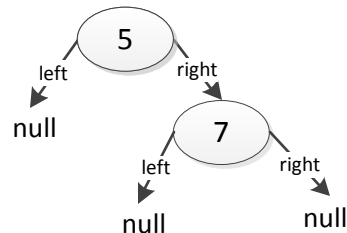
And my main looks like this:

```
public static void main(String[] args) {
    MikesIntTreeNode tree = new MikesIntTreeNode(5); //LINE 1
    tree.add(7); //LINE 2
    tree.add(2);
    tree.add(9);
    tree.add(6); //FINAL LINE
}
```

After line 1 tree looks like this:



After line 2 tree looks like this:



What does tree look like after the FINAL LINE?

Draw you answer on paper and bring it to class.