19.15:

```
public BinaryNode<AnyType> findMin(BinaryNode<AnyType> t )
{
    if(t == null) {
        return t;
    }
    if(t.left == null) {
        return findMin(t.left);
}

/**
    * Find the largest item in the tree.
    * @return the largest item or null if empty.
    */
public BinaryNode<AnyType> findMax(BinaryNode<AnyType> t )
{
    if(t == null) {
        return t;
    }
    if(t.right == null) {
        return t;
    }
    return findMin(t.right);
}
```

```
public BinaryNode<AnyType> find(AnyType x, BinaryNode<AnyType> t

//go to the left to see if it is their
if(t == null) {
    return null;
}
else if(x.compareTo(t.element) == 0) {
    return t;
}
else if(x.compareTo(t.element) < 0) {
    return find(x, t.left);
}
else {
    return find(x, t.right);
}</pre>
```

```
@Override
public String toString() {
    if(left == null && right == null) {
        return element.toString();
    }
    if(left == null) {
        return element.toString() + right.toString();
    }
    if(right == null) {
        return left.toString() + element.toString();
    }
    else {
        return left.toString() + element.toString() + right.toString();
    }
}
```

```
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            b.insert(2);
b.insert(6);
           //Row 2
b.insert(1);
b.insert(3);
b.insert(5);
b.insert(7);
            c.insert(3);
c.insert(7);
            d.insert(6);
            //Row 2
d.insert(3);
            System.out.println("Tree B shows '" + d. toString() + "'");
                                                     Console X
terminated> BinaryNode [Java Application] C:\Program Files\Java\jdk-14.0.2>
                                1234567
                shows
Tree
          B shows
                                '123467'
Tree
Tree B shows
                                '3467'
```