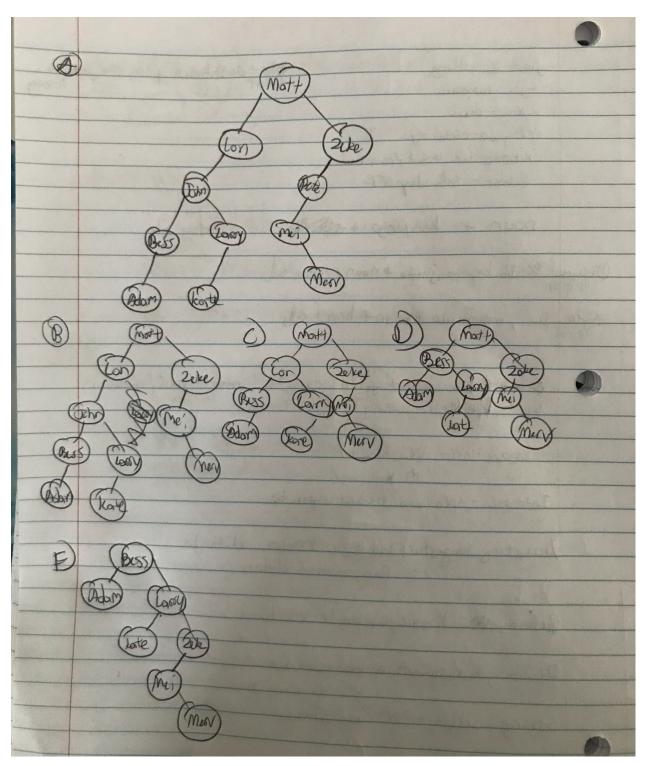
Homework 14

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```
public static <T extends Comparable<T>> boolean isInTree(BinaryTree<T> t,
             T x) {
         boolean found = false:
         boolean leftFound = false;
         boolean rightFound = false;
         if (t.size() != 0) {
             int compare = x.compareTo(t.root());
             if (compare == 0) {
                 found = true;
             } else if (compare < 0) {</pre>
                 BinaryTree<T> left = t.newInstance();
                 BinaryTree<T> right = t.newInstance();
                 T temp = t.disassemble(left, right);
                 leftFound = isInTree(left, x);
                 t.assemble(temp, left, right);
             } else {
                 BinaryTree<T> left = t.newInstance();
                 BinaryTree<T> right = t.newInstance();
                 T temp = t.disassemble(left, right);
                 rightFound = isInTree(left, x);
                 t.assemble(temp, left, right);
             }
             found = found || leftFound || rightFound;
         return found;
     }
1)
```



2)