

```

/**
 * Returns the {@code String} prefix representation of the given
 * {@code BinaryTree<T>}.
 *
 * @param <T>
 * the type of the {@code BinaryTree} node labels
 *
 * @param t
 * the {@code BinaryTree} to convert to a {@code String}
 *
 * @return the prefix representation of {@code t}
 *
 * @ensures treeToString = [the String prefix representation of t]
 */
public static <T> String treeToString(BinaryTree<T> t) {
    String result = "()";

    BinaryTree<T> left = null;

    BinaryTree<T> right = null;

    T root = t.root();

    if (!root.equals(null)) {
        t.disassemble(left, right);

        result = t.root().toString() + "(" + treeToString(left) + treeToString(right)
            + ")";
    }

    t.assemble(root, left, right);

    return result;
}

```

```

/**
 * Returns a copy of the the given {@code BinaryTree}.
 *
 * @param t
 * the {@code BinaryTree} to copy
 * @return a copy of the given {@code BinaryTree}
 * @ensures copy = t
 */
public static BinaryTree<Integer> copy(BinaryTree<Integer> t) {
    BinaryTree<Integer> left = null;
    BinaryTree<Integer> right = null;
    BinaryTree<Integer> copy = null;
    Integer root = t.root();

    if (!root.equals(null)) {
        t.disassemble(left, right);
        copy.assemble(root, copy(left), copy(right));
    }

    t.assemble(root, left, right);
    return copy;
}

```