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Binary Trees Lab

CS 210 - Howser

31.10.14

Pre-Lab:

I expect to learn how to implement a Binary Tree and how to traverse a binary tree and “manipulate” it some how. I expect to modify BinaryTreeLab.java and BinaryTree.java. I expect to run into problems when traversing through the tree because I’ve never dealt with trees before.

Post-Lab:

In this lab I learned a lot about how to write traversal algorithms to get a result in different orders. The hardest part of this lab was creating the ExtremeValueCalculator because not all Objects are comparable. I was able to handle this problem by throwing errors. Now that I have dealt with this confusing comparable issue I feel very comfortable performing comparisons on Objects. I also feel like I am a master a recursion because I used a recursive algorithm for most of my helper methods when determining certain properties on trees (such as number of nodes or leaves).