Preston Stosur-Bassett

CS210 (Data Structures) - Howser

6.11.14

Binary Search Tree Lab

Pre-Lab:

I expect to learn how a Binary Search Tree lab is built and queried. I hope to be able to go through and more efficiently recall data from the tree instead of having to search through the whole tree to find it. I expect to create a new BinarySearchTree class and extend it with the BinaryTree class from the last lab. I expect to run into problems when I start to remove elements from the tree, because it is hard for me to picture the tree in my head, so I think it will be difficult to program without being able to visualize it.

Post-Lab:

I did indeed learn how to implement a BinarySearchTree that extends a BinaryTree. I was able to explore what methods are usually needed for a BinarySearchTree and how those methods work. This lab had some less directions than labs in the past and I felt like I had more "creative control" over how the program was built. I did not in fact end up running into any problems, even regarding element removal.