**PRE-LAB WRITE UP**

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Lab: Lab 6

1. Describe in English what this program is supposed to do (not how it does it). This should be able to be your class comment at the top of your program (you may copy and paste this into your program later):

This program is supposed to sort a list of indexed entries into a binary tree structure. The user will have the ability to insert, delete, update, and lookup entries in this binary tree. They should also have the ability to query for the number of entries.

1. List the separate tasks needed to accomplish what you described in part 1. These should be the individual methods you are going to have in your program (both public and private methods):

BinaryTreeNode constucter and setters.

PrintInstructions

addEntry

deleteEntry

modifyEntry

getEntry

1. For each of the tasks/methods in part 2, describe in English what they are supposed to do (not how they do it). Additionally, note any information each of the tasks need to accomplish their goal as well as any information they need to give back. These should be able to be used as your method comments in your program (you may copy and paste this into your program later):

binaryTreeNode constuctor will take the input fields and instantiate with this.blank = blank

binaryTreeNode setter has a method for each field such that setBlank does this.blank = blank.

AddEntry collect all fields from user and create a new node in the binary tree.

ModifyEntry does the same as above, except uses the setter methods to update data

DeleteEntry calls a binary tree method that restructures the binary tree and removes the node.

1. For each of the tasks in part 3, give a brief description in English of how you plan to accomplish the task. You may either describe it thoroughly in English, use pseudo-code, or use a combination of the 2:

Already done in part 3.

1. What questions do you still have about this lab after reading through the specification and completing the pre-lab?

None