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Final Project Write-Up

For this project, I was not able to come as far as I wanted to. I have had a lot going on in my personal life and have had a lot to do at work due to a manager quitting recently, however, I did as much as I could and if I had had more time, I feel I would have been able to complete a good project.

As far as the set up I got through, I created hpp and cpp files for Linked List implementations and Binary Search Trees implementations for any kind of node (Hash nodes) I also created an hpp and a cpp file for the overall project – including the linked list objects and the BST object – which also has a driver. The idea I had, and wanted to implement, was to have each number read in to be created as a node that would either be a HashNode, LinkedList, or BST node based on the user input. From there, I would then go through the process of reading in the number as well as delete (which would utilize a search). I also feel like I understand cuckoo hashing and how to implement it, it’s just a matter of actually coding it – and it is truly time consuming.

My intentions with the project were to have user input, more than anything, in order to test everything. I did code the linear probe function but was unable to test it due to time constraints. Everything does compile correctly, which makes me think I was on the right track.

I do want to apologize for not completing the assignment, but I feel that if I had had more time, or was able to avoid everything that came up at once, I would have been able to complete the assignment and do it well.