

Christopher Eichstedt

CS202/Spring 2016

Project 10

This project was the last of the data structures that we had to develop, and it feels like the most difficult. Lists behave different than queues or stacks, and require a little more finesse to make them function correctly. Most notably, the way information is inserted was the most mentally taxing. And after making node and array versions, I have become more inclined to use the former going forward. The way data can be manipulated via a node is much easier than an array. I used the mental image of chain link, as to how nodes function. Doing so, allowed me to visualize how to move the node around when applied to the different types of data structures.

I would have to say that data structures have been the most difficult project so far. Mostly due to how the process of information is sorted and added. It takes a lot of work to manipulate an array and almost none to do so with a node. To be honest, I don't have as much to report this time around because this project is the 3rd time I had a similar design to build and was able to weed out problems I had earlier. (especially remembering to build a node constructor) I hope to take this experience and practice extensively for the upcoming final. Thank you for all the help you've given me along the way.