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CS202.1101

<center>Project 8</center>

The purpose of this program was to use linked lists in a program. Implementing array lists and node lists was the only two requirements of the project, and it required filling out the source files with the functions described in the header files. The key takeaways from this project were traversing lists and inserting elements.

Designing this program, I had no idea where to start. Linked lists were such a foreign concept and the lectures did not do much to explain it for me. I was flying blind and had to drudge through designing this program. I found it was easier to complete the NodeList source file as that was closely related to the lectures.

The most difficult part of this project was the ArrayList source file. Implementing similar functions in the NodeList source file was straightforward and self-explanatory. Creating the same functions tailored for ArrayList made no sense to me. Not my finest coding moment. Additionally, this assignment did not include what output was expected to look like. For the test driver, I was flying blind once again.

Design was barebones at best. I think the test driver could be fleshed out much more as function testing was scarce. Additionally, I would have tried to clean up the ArrayList source file. In its current state it is doing just enough for most parts. Putting print statements within the functions to see when they are called would have helped somewhat, but more could be done.