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COP 3530

Section 1085

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Project I

The work submitted is my own and the Honor Code was neither bent nor broken.

Part I: I learned to implement four types of link lists. The easiest part was the implementation itself. The hard part was designing the solution that took all possible cases into account. I believe the assignment's educational objective was to teach me just about everything there is to know when it comes to linked lists. I believe I achieved this objective.

Part II: I learned to implement iterators for my linked lists. The easiest part was overloading the different operators. The hardest part was understanding the use of an explicit constructor. I believe the assignment's educational objectives was to teach me how to implement an iterator and how an iterator works. I believe I achieved these objectives.

Part III: I learned to create unit tests using the Catch framework. The easiest part was coding the tests after I came up with them. The hardest part was figuring out all the possible edge cases. I believe the assignment's educational objective was to teach me how to design unit tests. I believe I achieved this objective.