Assignment 3 (Linked List) – Implementation Document

Learning Experience

In completing this assignment, I learned that the textbook is a bountiful resource of programming examples and conceptual explanations for this course. I initially struggled with implementing some of the code related to the Iterator, for instance, but after reviewing the textbook I understood that the Iterator is essentially just a receptacle, holding references to Nodes and returning a reference to a data element as it traverses.

Something else that I found incredibly helpful in completing this assignment was my usage of a whiteboard. The linked list itself is not too complicated conceptually for me to understand, but I did find it quite difficult to connect what I understood conceptually with what I saw in Eclipse. The whiteboard provided me with an easy way to illustrate the list and the changes that must be made to it when adding or removing Nodes. Thus, it was much easier for me to understand the code I had to implement in order to transform my illustrations into reality.