The program that we created this week serves the purpose of being a bid database manager. My job was to fix the missing parts of it and get it to work as intended. Our program uses a linked list. I helped to implement a search method, a remove method, and a prepend method.

In order to ensure all the modules were completed, I found it extremely useful to use the “Tasks” tab within Eclipse to guide me. I also was able to use my ZyBooks textbook to refer back to the order in which pointers needed to be reassigned.

There were, of course, some challenges involved in completing these tasks. The concept of a linked list is decently easy grasp, but in practice a beginner, like me, will find themselves confused. Within the list, a data object, along with all its pointers must be established and then its constructor called whenever a new data object must be made. It can also get confusing when trying to figure out which node is being modified when changing the list.

I found it helpful to write down the order in which the operations should be happening in my program. This helped me conceptualize the way my program should run. I also used the video resource available to me in the first module of this week’s itinerary.