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This assignment was a time consuming one. Luckily, I actually learned about node linked lists in highschool. However, even though I may have had a bit of a headstart in terms of content, I didn't know how to implement nodes in an engine like eclipse. I was used to everything being set up for me already. I learned how to set up a node by making a Node class with T and going from there: attach on the head and tail, etc. I once again learned that it is very important to actually read the word document. This time I just skimmed over it while in reality I didn't understand where to even start.

The first thing I struggled with was just knowing where to start. I saw an html file which helped me with the notation class, but I had no clue on where to start with BasicDoubleLinkedList and SortedDoubleLinkedList. Even with the interface that had my methods waiting for me, I kept on getting errors for "Node" related classes b/c I didn't add one myself! I was following the html file too strictly and didn't take the time to consider to add a section for Node to actually exist. Also I had trouble getting "implements Iterable<T>". What I mean is that I didn't know I had to make an @override ListIterator for it. Thankfully I read the doc and understood what was wanted out of the method: throwing statements. I still find a lot of the requirements very tedious and annoying (commenting details, etc).

Things I would do differently on the next project would be a reflection of the things I learned and struggled from. The first thing I would do is try to understand the errors I am getting rather than trying to brute force my way through the code: "oh just finish the logic now and worry about the errors later". This made the debugging process super long and annoying, especially for areas I didn't remember too well. Now I realize how getting a "good grasp" on the assignment reaches past just the word doc. I need to also go through the code that is given. I will also make sure I understand the content taught in class, as it will most likely be applied to the assignment. I will still continue to rely on google and youtube for concept help.