

Lab 5 Write-Up

Questions:

1. About your team:
 - a. How did you “divide up” the work so that each student still met the objectives for the assignment (i.e., learn, understand and apply the concepts).
 - b. How did you coordinate code changes/testing?
 - c. Other observations about working with partners?
2. Where did you have trouble with this assignment? How did you move forward? What topics still confuse you?
3. What did you learn from this assignment? (Be specific)
4. How could this assignment be improved in the future?

Ford Polia:

1.
 - a. I worked on the application and helped test and debug the ADT. Darrien wrote most of the ADT. Jake wrote the tester and did a lot of debugging in the ADT.
 - b. We used a github repository to share and manage the code.
 - c. We needed to even out when we work on it and communicate more frequently.
2. We had trouble adding some of the things that were added to the assignment later on.
3. I learned the issues and things to consider when designing a Hashtable and an application that heavily relies on one.
4. This assignment could be improved by providing all of the requirements when it is first assigned so that the project can be done with those in mind from the beginning.

Darrien Kennedy:

1.
 - a. I worked on the ADT, with help on debugging from Jake. Jake worked on the tester for the ADT and helped with the debugging. Ford worked on the application for the assignment.
 - b. Github and texting/ meeting together to coordinate when pushes have been made.
 - c. Working with partners can be helpful for working out issues and bugs, but requires a lot of communication to be effective.
2. I ran into some problems wrapping my head around the idea of an array made up of linked lists at first, though after it was fairly easy to grasp. Moving forward was done through tests and help from my partners. I don't believe any of the topics are still confusing to me.
3. I learned the inner workings of a HashTable, and how to implement one into an application in java.
4. To improve this assignment, it would be very considerate to provide the full assignment specifications at the beginning of the assignment.

Jake Mathews:

1.
 - a. I took a slight step back on this one as I have done a lot of work in previous labs. I wrote the tester class as well as helped debug the ADT.
 - b. We used github for like the fourth or fifth time now. Seems like everyone is used to using it now. Probably do not create as many branches as we should and need to work on our commit messages but other than that it's fine.
 - c. Really helps with debugging. Someone can spot an issue youve been missing for a while fairly quickly.
2. Had trouble getting some of the methods to replicate the Java version of of the Hashtable. Specifically with how it represents/presents the data as a string.
3. I learned a lot about Hashtables and how efficient they can actually be.
4. Not add the weird update file with additional requirements after we've already started.