Steve Vought

132 Lab Report 12

**Section I**

Students understood how to write the merge sort algorithm. Most students were able to write the comparator class without issues as well. Students are able to call functions with ease, sending appropriate parameters.

**Section II**

Students struggled with setting up the file reader. Almost every student that came to the lab today needed assistance in getting the path set up correctly to read the Housman.txt file. Some students also struggled with writing to a file, again pathing was a big issue. Eclipse was being difficult, making students go through file explorer to see the files written instead of in the file view in Eclipse. Eclipse was also giving students a hard time with reading Housman.txt file, even after getting the pathing correct, students had to close and reload Eclipse to get it to actually read, and this didn’t work immediately for some students.

**Section III**

I would suggest more practice with reading and writing from files. I would also suggest more practice with writing algorithms and testing their speeds.

**Section IV**

Assisting students in this lab gave me more practice with other IDEs. This lab also allowed me to work on my communication skills in the computer science field. Explaining pathing issues, file readers/writers, and how the algorithm is working gives me great experience for future interviews where I will be explaining verbally the code I write.