Steve Vought

132 Lab Report 10

**Section I**

Students understood how to use a while loop to verify correct input from a user. Most students understood how to iterate through the linked list to print off all bike listings. Most students were able to get to the bike of a certain index in order to check availability.

**Section II**

Students struggled with checking if a bike was available after getting to the correct index. Students had difficulty with the final ToDo where they had to implement similar code as the other 4 ToDos. Most students had problems with getting the try catch statements to work or understanding what they were supposed to encase. Even after explaining this concept to students, they still seemed confused.

**Section III**

I would suggest more practice with try catch statements throughout the remainder of the semester. I would also suggest continued practice with verifying correct user input. Student are getting comfortable with linked lists, I would suggest introducing the students to other data structures like hash maps and trees, maybe having a lab that have these set up and allow the students to experiment with them and think of could use cases for them.

**Section IV**

Assisting students in this lab increased my ability to communicate effectively. I understand the material being taught but being able to explain how the try catch is working and what it is doing along with other parts of the lab is a skill that could be more important than just understanding the code itself. I am grateful to have a good enough understanding of this material to be able to help other students through their labs.