Lab Report Template

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Lab Number: MiniLab 4

Lab Title: KQueue

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Before the Lab: I had difficulties understanding how to implement KQueue methods in LLQueue, and how to switch between different types (ex: going from String to raw type T).

What I expect to learn: How to properly implement methods through an interface, and how to switch between raw and specific object types such as String

Concepts I think the Lab explores: Defining enqueue and dequeue methods for a queue class through the KQueue interface.

Java classes I expect to modify: Linked List, Node, LLQueue, Main

Where I think there may be problems: Converting between element types, and implementing methods through the KQueue interface.

After the Lab: I have gained a better understanding of the ways in which queues work, and how they can be useful.

What I actually learned: I also better understand how to switch between element types without any loss of data.

How well the Lab allowed me to explore the target concepts

What problems I encountered (or none) and how I handled them: I was having the most trouble with switching between element types, but after getting help from Raphael it all became much clearer

Things in the write up that confused me or were especially helpful: I found the note on how to construct the queue object in the main method in a way that directly references the KQueue interface methods was extremely helpful.