

When you are satisfied that your program is correct, write a brief analysis document (.pdf format only). The analysis document is 20% of your Assignment 2 grade. Ensure that your analysis document addresses the following.

1. This assignment is traditionally done with Pair Programming. Were there times you wish you had a partner to bounce ideas off of? We will ask you to compare your experiences with these first, "single" to assignments to the paired assignments later on in the semester. Please use your answer here for reference later.

Yes

2. Java's built-in classes Comparable and Comparator are both interfaces for doing comparisons among objects. What is the difference in the two interfaces? Give a situation when it is best to use each. Is it possible to change the extra features in LibraryGeneric such that the Comparable interface is used instead of Comparator? Why or why not?

The comparable interface determines whether or not two things are the same, while comparator defines what is being compared. When you need to compare custom objects, you would need to use both. Comparable is best for sorting lists, and objects how you want to. Comparator will always be used with comparable. Yes, you can use comparator in order to determine which books are overdue.

3. Comment about the efficiency of your programming time. Did you utilize the time spent on this assignment effectively? How might it be improved?

Yes, I could have gotten on to it a lot sooner, but I was busy during the weekend. I didn't spend a large amount of time on this assignment.

4. Reiterate why writing Generic code is important for this course. Phrase your answer in terms of Data Structures and Algorithms.

Writing generic code is important because you never know what the code might need to be used for. You want to write algorithms that will work for anything a human might put into the computer. Different people will put in something different for the same thing. You want your data structures to reflect this as well by allowing them to accept any kind of input you can.

5. How many hours did you spend on this assignment?

I spent about 2 hours on this assignment.

Upload your document (as a .pdf only!) to the Assignment 2 page by 11:59pm on September 7th.