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Analysis doc.
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ANALYSIS DOCUMENT ASSIGNMENT 02

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.

    It will be better and faster if I would work with a partner since 2 heads think more than 1.

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 Library Generic such that the Comparable interface is used instead of Comparator? Why or why not?

    With comparator we can compare two different objects, but if we want to do a further comparison we have to make another comparator that does the further comparison. Example if we compare letters but then we want to compare the length then we have to change a bit the comparator that does both (create another comparator). With comparable we can compare what we want; with comparable we have more control and so we can compare in multiple ways. So if we want to compare objects without further comparison than comparator will be the best since it can compare two objects. But if we want to compare multiple things than comparable will be best since it give us more control.

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

    I believe I spend effectively my time since it does not take me much time to finish the assignment. The way I might improved is if I make a plan before doing the assignment, with a plan I believe I can manage the time more effectively.

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

    With Generic we can use different types as String, Int, Double, Char, etc. With generic we can easily change the type at any time we want. Using generics will help us to test our code in different types. Like in this assignment we can be able use not only Strings but also numbers, and we can use different types too.

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

    It took me about 9 hours to finish this assignment.