

CSC 502 WEEK 5 TEST STUDY GUIDE

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There will be two parts to the quiz. One part will be closed book, and will deal with concepts.

The second part will be open book and open notes, and you will be able to use online resources. In this second part you will be asked to write a program or programs similar to the examples seen in lecture, and similar to the homework assignment.

All the concepts on the week 3 study guide will also be tested on. In addition, on the closed book part you will be asked to explain, or write code demonstrating understanding of, recursion, searching and sorting, the merge sort algorithm, and also the Quicksort algorithm, which will be covered on Tuesday (it is also in the class text book).

On the closed-book part, you will be asked to write code that involves GUI programming using JavaFX: layout panes `VBox` and `HBox`, event handlers for `Action-Event` on buttons and `Text` fields, working with colors using JavaFX `CSS`, and animation using `Timeline` objects.