

CSC 150 WEEK 8 STUDY GUIDE

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This test will be comprehensive: covering all topics from the beginning of the course, so make sure you refer to the Week 5 test study guide.

Additional concepts covered include sorting: simple sorting algorithms, and also the Quick sort sorting algorithm.

Converting back and forth between numbers and strings: the decimal number system, and the binary number system.

Recursion. Be able to write recursive functions, such as for determining palindromes, adding up the entries in an array, for converting a number into a string of decimal digits that make up the number.

Be able to use the `istringstream` and `ostringstream` classes.

Understand command-line parameters.

Be able to solve problems similar to those in lab, through the week 7 labs.

I will have some practice problems for you in the Tuesday lab session.