

CSC 501 WEEK 8 TEST STUDY GUIDE

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You need to understand everything we have covered from the beginning until now, so make sure you refer to all previous study guides.

The following concepts are important: method, method parameters, scope of identifiers: local scope / block scope, method scope, and class scope; difference between static members of a class and non-static members, instance members of a class.

Be able to write methods to solve problems: be able to write code that works with arrays: for example, reversing an array, checking if an array or a string is a palindrome, searching an array for a value X and returning the index of X within the array.

What it means for an array to be sorted. Binary Search of a sorted array. Simple sorting algorithms.

You should understand these concepts well enough that you can write code that involves them.