

CSC 415/515 WEEK 8 TEST STUDY GUIDE

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The week 8 test will be comprehensive, so make sure you know all the concepts on all previous study guides.

There will be a closed book part and also an open-book part on the test. The closed book part will focus on your understanding of concepts, while the open book part will test your ability to write code for parts of web applications that use servlets on the server-side and JavaScript/AJAX on the client.

In addition to concepts on previous study guide, you are expected to have a good understanding of, and know how to write code using, the following JavaScript concepts:

JavaScript arrays, objects, and functions; anonymous functions, JavaScript events and event handling; the capture phase and bubbling phases during event handling, the concept of an event target and current event target; event objects and event object properties such as `target`, `preventDefault()`, and `stopPropagation`; the `addEventListener()` method on elements, the different ways of setting event listeners; AJAX, the `XMLHttpRequest` object and its API, meaning the different properties and methods of `XMLHttpRequest` objects.

Use of `setTimeout` and `setInterval` functions.