

## CS644/IT632/CS397K: Internet Computing with Distributed Components

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The due day for all the tasks specified here, except for Quiz 2, is November 5, 2006.

Tasks to be completed in Weeks 8 and 9 (10/23 – 11/5):

1. Read Chapter 5, up to page 196, of the textbook. Try out all projects covered in your reading. (We skip Chapter 4; you only need to reference it when it is necessary)
2. Take a short 30-minute online *Quiz 2* in Blackboard *Course Documents*, between 8 AM of November 3 and 9 PM of November 5, 2006. There will be four multiple choice questions on topics of servlets and Web services.
3. **Assignment 3:** Redo your own solution to Assignment 2 to replace all JSP pages that you introduced in your solution to Assignment 2 with servlets. Use J2EE Tutorial's chapter "Java Servlet Technology" as reference. The zip file of your servlet Web application folder should be attached to your reply posting to this assignment in the *Discussion Board* forum *weeks8and9*. (This assignment is reversing the logical order for practicing servlets. By the technology time line, we first have servlets, and then we introduce JSP to simplify the Web applications. But JSP is an easier entry point for beginners.)
4. In course *Discussion Board* forum *Weeks8and9*, reply to each of the following questions (use J2EE Tutorial's chapter "Java Servlet Technology" as reference):
  - a. Which servlet object should we use to share information among all servlets and JSP pages of a Web application no matter which client they are serving?
  - b. Which servlet object should we use to share information among all servlets and JSP pages of a Web application that are serving a particular client (servlets and JSP pages of a Web application serving different clients should not share information)?
  - c. What kind of common functions that the Web application configuration file "web.xml" can support, based on what we have learned so far?