

CS644/IT632/CS397K: Internet Computing with Distributed Components

The due day for all the tasks specified here is December 10, 2006.

Tasks to be completed in Weeks 12 through 14 (11/20 – 12/10):

1. Read Chapter 9 of the textbook. Try out all projects covered in your reading.
2. Read Chapter 1 of J2EE Tutorial.
3. **Assignment 4:** Write a stateful session bean that takes one word at a time and appends it to the previous words received to make a sentence. Return the entire sentence each time a word is added (textbook exercise 2 on page 342). Due date is December 10.
4. Explore and study with Google search the concepts of the following design patterns: Observation Pattern, Proxy Patter, MVC pattern, Delegation Pattern (a good starting point is http://en.wikipedia.org/wiki/Category:Software_design_patterns).
5. From 9AM of December 8 to 10PM of December 10, take the 30-minute online Quiz 3 at Course Documents. There will be four multiple-choice questions on EJBs.
6. In course *Discussion Board* forum *Week12-14*, reply to each of the following questions:
 - a. Why EJB-based application servers could deliver better performance for enterprise hosted applications?
 - b. Are Web services going to replace EJB technology?