

Final Take Home Exam - E-Technologies

Name _____

Fri, Apr 22, 2005

This exam must be completed individually and originally, with no form of collaboration between fellow classmates, assistance from anybody other than the instructor or course TA, or from online solutions (violation of this condition will result in 0 pts on this exam). The course textbooks and course online resources (resource page only) may be used as references to help answering the questions. Instructions on how to submit your solutions for grading will be provided shortly.

- I. Problem 7.5 in Sunderraman can be solved using either a Java Servlet or JSP. You used one of those methods for a homework problem. Use the other approach to implement a solution.**
- II. You have already solved problem 13.5 in Sebesta as a standalone java program. Reimplement it as a servlet.**
- III. You have already solved problem 13.5 in Sebesta as a standalone java program. Reimplement it as a JSP solution.**
- IV. Implement problem 11.10 from Sebesta with the following improvements: 1) the collected data should be stored in your Oracle database account, 2) in addition to validity checking on the server side, you should also add input validation using Javascript on the client side. It should be able to validate the input using the client if javascript is enabled, or validate on the server if javascript is disabled on the client.**
- V. Implement problem 10.6 from Sebesta with the following modification: the data should be stored in your Oracle database account.**
- VI. Implement problem 5.6 from Sunderraman as a Servlet.**
- VII. Extra credit: implement problem 8.1 from Sunderraman.**