

**Session 0: Prerequisite Disclaimer Form**  
**CSCI-585 Monday January 14, 2008**  
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You should know the answers to the following questions in order to consider yourself ready to take CSCI-585 in Spring 2008. If you don't, please consider taking CSCI-485 instead.

1. What is SQL?
2. What is relational-algebra?
3. Find SS# and name of all people whose salary is higher than 50k in SQL and relational-algebra, given *PEOPLE(SS#, name, address, phone, salary)*.
4. What is a B+-tree?
5. What is query optimization?
6. What is a transaction?
7. What are the ACID properties of a transaction?
8. What are the five normal forms?
9. What does "crash-recovery" mean?
10. What does "concurrency control" mean?
11. What is Java?
12. What is a Java application?
13. Write a "hello world" program in Java as an applet.
14. How to compile/run a Java application linking with some JAR files.
15. How to login to a UNIX machine on campus. (or What is telnet or rlogin ...)
16. How to run software and set PATH on a UNIX machine.
17. How to install a windows program.
18. How to search for a functionality of a software package in its manual or over Internet.

By signing this document, I confirm that I know the answers to the above questions and I consider myself ready to take CSCI-585.

Your Name:

Your USC email address:

Your signature: