

# Introduction to Databases

## Homework 1

Handed out: Wednesday, October 8, 2003  
Due back: Friday, October 17, 2003 (at the start of class)  
Notes: To be done individually

1. Textbook exercise 2.1.3
2. Textbook exercise 2.1.4
3. Textbook exercise 2.1.9
4. Textbook exercise 2.2.3
5. Textbook exercise 2.2.5
6. For your answer to 1, specify keys and indicate appropriate referential integrity constraints.
7. For your answer to 3, specify keys and indicate appropriate referential integrity constraints.
8. Textbook exercise 2.3.2
9. Textbook exercise 2.4.4(a) (use your registrar design from 1 and 3)

### Extra Credit Problem

The Unified Modeling Language (UML) is a widely used graphical modeling language that can be used to design database schemas. Read about UML and compare and contrast it with the Entity-Relationship model.