Database Concepts

Exercise 2

1. Name the nine rules of Codd! Give an example for each rule!

2. Explain the 3-Level-Schema-Architecture!

3. Explain the term data independence? What are the benefits of data independence? How does the 3-Level-Schema-Architecture provide data independence?

4. Explain the terms database model and database schema! How are these two terms related? What is the difference between a database schema and a database? Give examples.

5. What is DDL, DML, QL? For which database users (end user, application programmer, database admin) are they interesting?

6. Which of the following systems is a database management system (DBMS)? Explain your decision!
   - MySQL, Excel, LSF, IBM DB2, iTunes, Microsoft SQLServer

Good Luck!