# **Chapter 2 Lecture Terms / Questions**

1. Database
2. Table
3. Records
4. Field
5. Data Type
   1. Boolean
   2. Double
   3. Integer
   4. Text
6. Indexes
7. Flat database
8. Relational databases
9. One-to-one relation
10. One-to-many relation
11. Many-to-many relation
12. List the fields in Authors table
13. How many records in Authors table
14. List the fields in Publishers table
15. How many records in Publishers table
16. List the fields in Titles table
17. How many records in Titles table
18. List the fields in Title\_Author table
19. How many records in Title\_Author table
20. What is the purpose of the Title\_Author table
21. Why are there more records in the Title\_Author table than the Titles table
22. On page 2-11, the relationships between tables are shown. List the pairs of tables that have relationships and the fields in each table that are linked. Also, for each relationship, tell if it is a 1-to-1 or 1-to-many. (Look for the 1’s and ∞’s. If neither are shown, it’s a 1 to 1.)
23. In those tables the key symbol is beside the primary key for each table. List each table with the field that is its primary key.

Each table has 2 different types of information: source data and relational data.

1. Source data
2. Relational data
3. Primary key
4. Foreign key
5. Virtual table
6. Query
7. SQL