**Ch5-Prac-1**

**In-Class:** Chapter 5 Practice 1:1 and 1:N Relationships - In-Class \_\_\_ \_\_\_ \_\_

**1:1 Relationship:**

* **Part a:** Describe an example of a 1:1 binary relationship (other than one in the textbook).
* **Part b:** Draw an E-R diagram for the data model of the 1:1 relationship.
* **Part c:** Write the definitions of the tables for the 1:1 relationship, including the primary and foreign keys, and the referential integrity constraints.
* **Part d:** Write an alternate definition of the tables, primary keys, foreign keys, and referential integrity constraints.
* **Part e:** Write an SQL query to display all the data in the 1:1 relationship.

**1:N Relationship:**

* **Part a:** Describe an example of a 1:N binary relationship (other than one in the textbook).
* **Part b:** Draw an E-R diagram for the data model of the 1:N relationship.
* **Part c:** Write the definitions of the tables for the 1:N relationship, including the primary and foreign keys, and the referential integrity constraints.
* **Part d:** Explain why you can't use a foreign key from the other table, and why they are called parent/child entities.
* **Part e:** Write an SQL query to display all the data in the 1:N relationship.