

## Week 1 Exercises

Those exercises will **not** be graded but similar questions and problems may appear on quizzes and the exam.

Unless indicated otherwise, each question should be answered using just **one** query. Your query should also be designed so that it would produce a table that contains **only the information needed to answer the question** and nothing else. For example, if you are asked to find out who owns the youngest pet, your query should produce a table with just one cell (not counting the header row) showing the name of the person who owns the youngest pet. It should **not** show the name of the pet or its age. Even more importantly, it should **not** show information about any other pets. On the other hand, if you are asked who are the *names* and *owners* of the *two* youngest pets, then your query should produce a table with *two* rows, one for the youngest pet and one for the second youngest pet, with both rows showing the name of the pet and the name the pet's owners.

### Exercise 1

Use the "persona" table in the "starwars" database on the database server to answer the following questions:

- What is the name of the character's whose occupation is "bounty hunter"?
- Which female characters' name comes first if the names are sorted alphabetically?
- What is the name of the smallest character coming from the planet "Naboo"?

### Exercise 2

Use the "world" table in the "starwars" database to answer the following questions:

- What percent of Naboo is covered with water?
- What are the 3 smallest worlds by diameter?

### Exercise 3

Use the "pet" table in the "menagerie" database on the database server to answer the following questions:

- What is the name of the person who owns of the smallest cat?
- What are the names of pets owned by Harold?