

Agenda 02: Simple Table Selects

In this unit we are discussing some basic database concept and the basic rules of the SQL language. The SQL techniques for this unit deal with more syntax rules for simple select statements.

We are using the zoo_2014 table for the demos for this unit. The rows in your zoo table will be different than the rows in my zoo table.

The major topics in this unit are

- Database concepts
- The vets database and its tables
- The SQL language: standards, extensions, syntax
- SQL as a set-based nonprocedural language
- SQL: More on single table Selects
- SQL: Selecting columns by name
- SQL: Using column aliases
- SQL: Using Distinct
- SQL: Creating calculated columns
- SQL: Using Limit

To Do: Reading

- Download the notes for unit 02_ from the DownloadPage.
- In the van der Lans book chapter 5 section 5.1 through 5.5 and 5.13.1(numeric expressions) (you can skip the bit operators).
- Use this time to get a firm foundation on writing simple queries, testing them and creating variations of the demo queries. Also be sure you can easily create the script and spools for the class assignments.

To Do: Assignment_02

Download the assignment directions and any sql files needed from the DownloadPage. Complete the assignment. Upload the required files via the assignment tool.

For this unit's assignment you will need to create the a_vets database and its tables. You may have created the database in the previous unit. You can download the SQL to create the tables and insert the data from the Download page for this class.