



# Database Programming with SQL

19-2

Final Project Database Creation



# Objectives

This lesson covers the following objectives:

- Apply SQL concepts to create a functional database appropriate for a small business

# Purpose

- Most young people know a lot about cars before they ever drive one or know a lot about other parts of the world without even having been there.
- It would be a shame to have spent a year studying database modeling and database programming without really creating a database application!
- In this lesson, you will have an opportunity to create a functioning database that is appropriate for a small business.

# Scope of the Final Project

- The Final Project consists of the following steps:
  - Create Tables from ERD
  - Add constraints
  - Create views
  - Create Sequences
  - Add data to tables
  - Create indexes
  - Create synonyms
  - Test database
  - Present final project

# Evaluation of the Final Project

- Each group will present its database to the class.
- Your group will be evaluated according the Final Project Rubric.
- Make sure that you read it carefully and understand how you will be assessed.
- The rubric can be found in Section 0, Student resources under "Additional Resources" for this section.



# Summary

In this lesson, you should have learned how to:

- Apply SQL concepts to create a functional database appropriate for a small business

