

MySQL Hands-On #1: Simple Queries

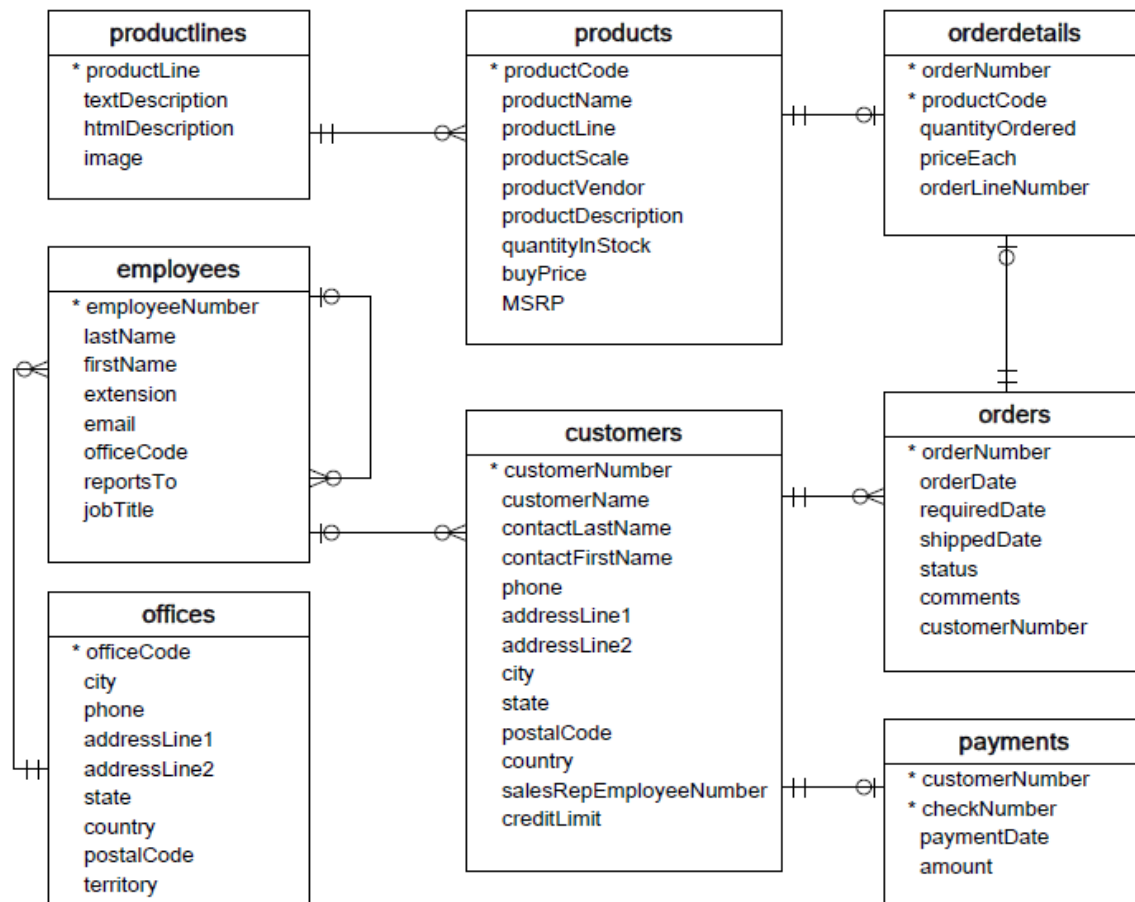
Prerequisites:

These exercises utilize the sample database from MySqlTutorial.org. You will need to have downloaded and run the installation script before attempting these exercises.

Deliverable:

All queries should be written and submitted in a single .sql script file named **<your_name>.sql**.

The database schema is:



1. Write a query to display the name, product line, and buy price of all products. The output columns should display as “Name”, “Product Line”, and “Buy Price”. The output should display the most expensive items first.
2. Write a query to display the first name, last name, and city for all customers from Germany. Columns should display as “First Name”, “Last Name”, and “City”. The output should be sorted by the customer’s last name (ascending).
3. Write a query to display each of the unique values of the status field in the orders table. The output should be sorted alphabetically increasing. Hint: the output should show exactly 6 rows.
4. Select all fields from the payments table for payments made on or after January 1, 2005. Output should be sorted by increasing payment date.
5. Write a query to display all Last Name, First Name, Email and Job Title of all employees working out of the San Francisco office. Output should be sorted by last name.
6. Write a query to display the Name, Product Line, Scale, and Vendor of all of the car products – both classic and vintage. The output should display all vintage cars first (sorted alphabetically by name), and all classic cars last (also sorted alphabetically by name).