

Lesson 3: Practice

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Audience

- Those who are new to relational DBs and SQL.

Objective

To practice concepts learned so far.

Software & Resources Needed

- Database Server with Interface
 - [MS SQL Server with SQL Server Management Studio](#)
- OR
- [MySQL](#) with MySQL Workbench (part of MySQL install)
- OR
- Online (sqlfiddle.com)
- Data
 - [Test data](#) on Github repo.
- [Github repo](#) for information

Day 3: Practice

Try It

Using the EntertainmentAgencyExample DB,
show me a list of all engagements that occurred during October 2012.

Try It

Using the EntertainmentAgencyExample DB,
give me the names of all of our customers by city.

Try It

Using the EntertainmentAgencyExample DB,
list all the engagements that start and end on the same day.

Try It

Using the EntertainmentAgencyExample DB,
show me all the engagements that run for four days.

Try It

Using the SalesOrdersExample DB,
show me an alphabetical list of all products with a retail price of \$125.00 or
more.

Try It

Using the SalesOrdersExample DB,
compile a complete list of vendor names and addresses in vendor name order.

Try It

Using the SalesOrdersExample DB,
show me what it would look like if we adjusted each
product price by reducing it 5%.

Try It

Using the SalesOrdersExample DB,
which vendors do we work with that don't have a web site?

Try It

Using the database `SchoolSchedulingExample`,
can you show me which students live outside of the Pacific Northwest?

Try It

Using the database SchoolSchedulingExample,
give me a staff name and number phone list.

Try It

Using the database `SchoolSchedulingExample`,
list all names of students, ordered by city.

Try It

Using the database `SchoolSchedulingExample`,
List all the subjects that have a subject code starting with 'MUS'

Try It

Using the database BowlingLeagueExample,
What are the tournament schedules for Bolero, Red Rooster, and Thunderbird
Lanes.

Try It

Using the database BowlingLeagueExample,
List each team's lineup (in bowler's table).

Try It

Using the database RecipesExample Database,
List all recipes that are a main courses (recipe class = 1) and that have notes.

Try It

Using the database RecipesExample Database,
Show me a list of all the ingredients we currently track (no duplicates).