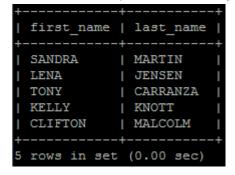
Exercise 6-1 Nulls and Data Modification

Sakila database

You don't have modification rights to sakila (or shouldn't! Please tell me if you find that you do). So these queries are all working with nulls

- Which staff member does not have a picture? (answer: Jon Stephens)
- Which customers paid for something that was not a video rental?



- Which cities do not appear in the address table? There are six. Create two queries to provide this answer:
 - Use a subselect
 - Use a left join



SQLite

Using the pizza database from Week 4. With **all** modifications you should check the records affected with a select statement before performing the modification.

Insert

- Insert a new customer Alice who is 23 years old
- Alice likes the same pizza's as Amy. Insert records into Eats based on Amy's food choice
- Alice goes to all pizzerias which serves mushroom pizza's insert these records into Frequents

Update

- It turns out that Cal is female update her record
- New York Pizza has been purchased by 'Kiwi Pizza Company'. Change the name of all references in both Serves and Frequents tables
- The price of cheese increases by 10%. Increase the cost of all cheese pizza's by 10% (added challenge make sure the price is rounded to two decimal places).

Delete

- Ben decides he no longer likes cheese pizza's. Remove cheese from the list of pizza's he eats.
- Delete from 'Frequents' any pizzeria which does not serve a pizza which Ben now eats.
- Alice stops going to any pizzeria where mushroom pizza's are over \$10. Delete records based on that price.