

MySQL-Exercises-with-Sakila-DB-

- 1a. Display the first and last names of all actors from the table actor.
- 1b. Display the first and last name of each actor in a single column in upper case letters. Name the column Actor Name.
- 2a. You need to find the ID number, first name, and last name of an actor, of whom you know only the first name, "Joe." What is one query would you use to obtain this information?
- 2b. Find all actors whose last name contain the letters GEN:
- 2c. Find all actors whose last names contain the letters LI. This time, order the rows by last name and first name, in that order:
- 2d. Using IN, display the country_id and country columns of the following countries: Afghanistan, Bangladesh, and China:
- 3a. Add a middle_name column to the table actor. Position it between first_name and last_name. Hint: you will need to specify the data type.
- 3b. You realize that some of these actors have tremendously long last names. Change the data type of the middle_name column to blobs.
- 3c. Now delete the middle_name column.
- 4a. List the last names of actors, as well as how many actors have that last name.
- 4b. List last names of actors and the number of actors who have that last name, but only for names that are shared by at least two actors
- 4c. Oh, no! The actor HARPO WILLIAMS was accidentally entered in the actor table as GROUCHO WILLIAMS, the name of Harpo's second cousin's husband's yoga teacher. Write a query to fix the record.
- 4d. Perhaps we were too hasty in changing GROUCHO to HARPO. It turns out that GROUCHO was the correct name after all! In a single query, if the first name of the actor is currently HARPO, change it to GROUCHO. Otherwise, change the first name to MUCHO GROUCHO, as that is exactly what the actor will be with the grievous error. BE CAREFUL NOT TO CHANGE THE FIRST NAME OF EVERY ACTOR TO MUCHO GROUCHO, HOWEVER! (Hint: update the record using a unique identifier.)
- 5a. You cannot locate the schema of the address table. Which query would you use to re-create it?