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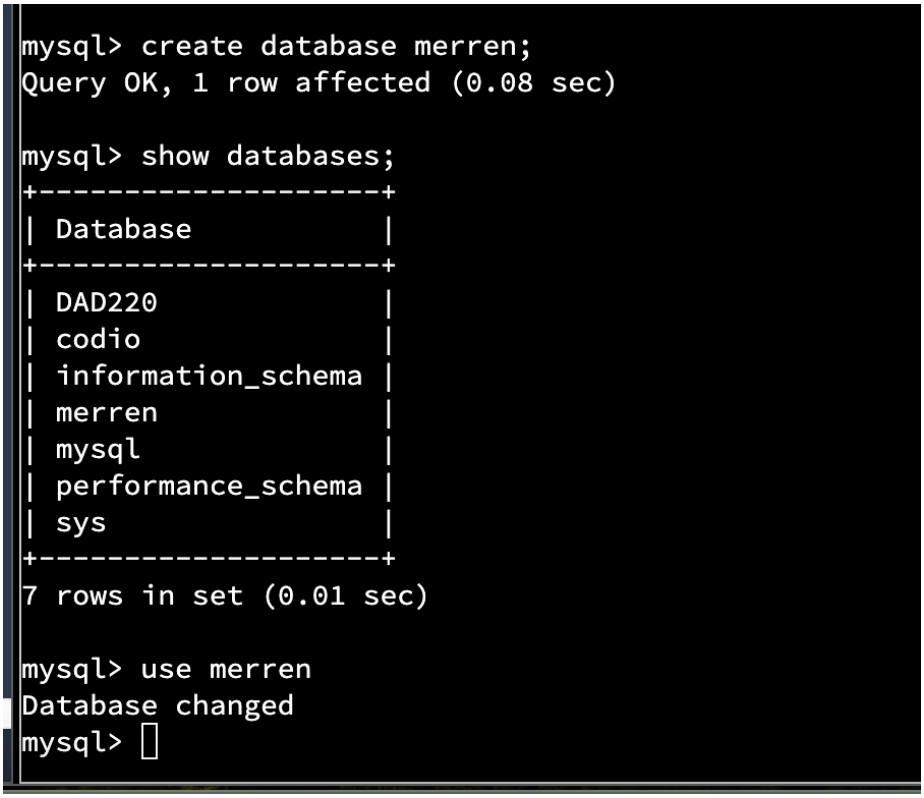
Professor Lockwood

DAD-220 Intro to Struct Database Env

9 June 2024

1-4 Lab: Practicing Query Language in Codio

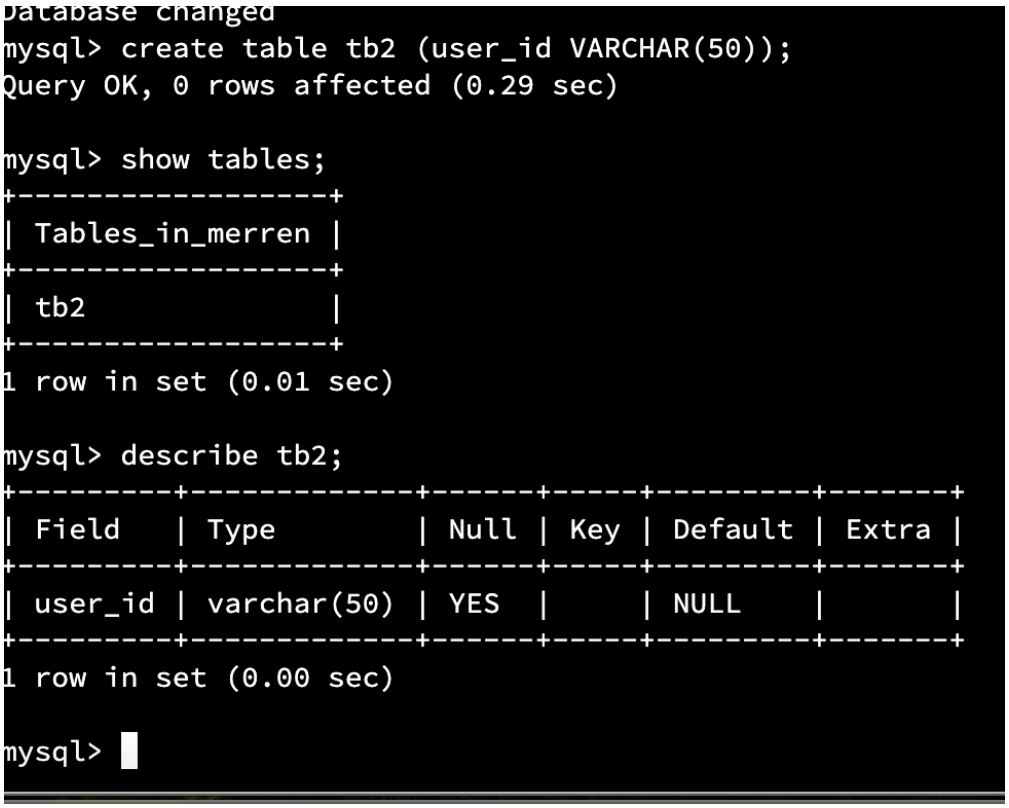
1. **Create a new database** and update the name to your last name, then connect to it. Type the following commands after the prompt mysql>:
    A. create database last_name_here;
        i. For example, if your database is going to be named Jetson, then substitute Jetson for "last_name_here."
        ii. Press **Enter**.
    B. show databases;
        i. Press **Enter**.
        ii. You should see a listing of all of the databases (or schemas) in MySQL, including the one you just created.
    C. use last_name_here;
        i. Press **Enter**.
        ii. Substitute the name of your database (for example, Jetson) for "last_name_here". This SQL statement connects your MySQL session to the database you've just created.
        iii. Capture a screenshot or clipping of the results of this action, and place it in a Word document for submission.



This screenshot shows the command “use merren” which changed the database to the one I have just created.

2. **Create a table** called **tb2** and list out the tables in your database with one field by typing the following commands after the prompt mysql>:
    A. create table tb2 (user_id VARCHAR(50));
        i. Press **Enter**.
    B. show tables;
        i. Press **Enter**.
    C. describe tb2;
        i. Press **Enter**.

ii. Capture a screenshot or clipping of the results of this action, and place it in a Word document for submission.



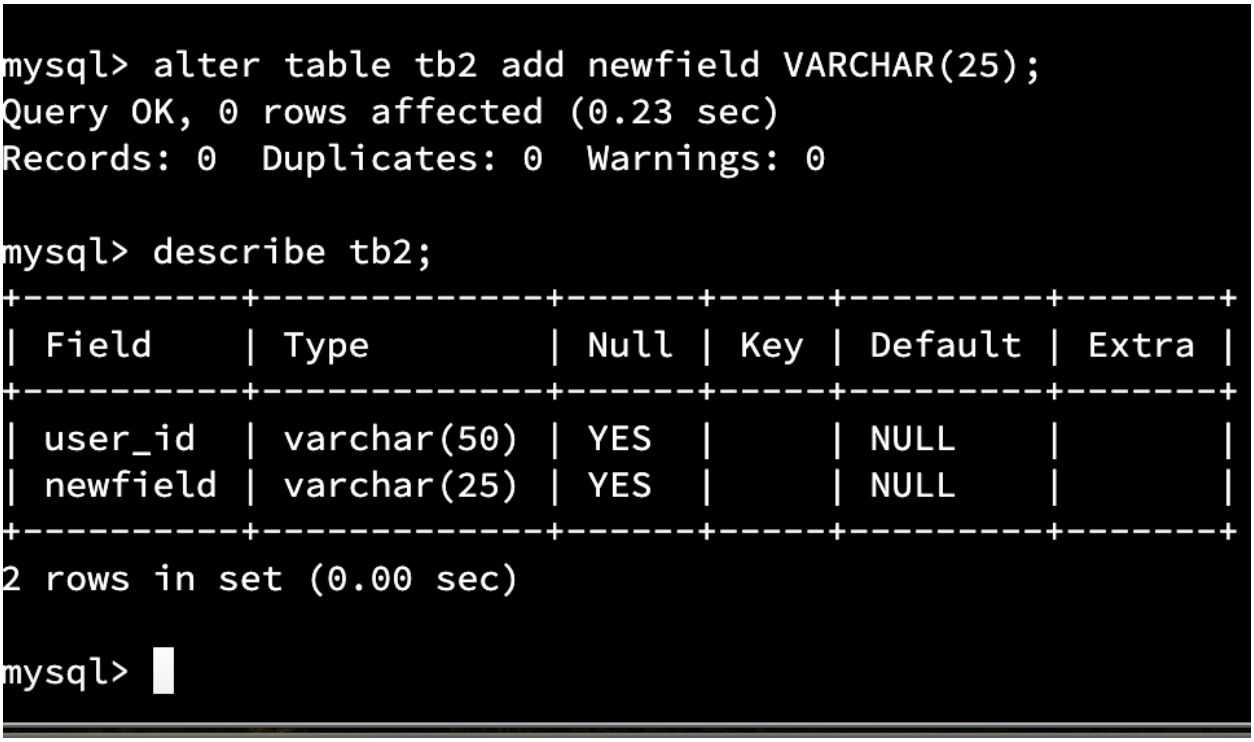
This screenshot shows the command “create table tb2,” which created a table called tb2. The next command, “show tables,” shows the created table in the Merren database. The last command, “describe tb2,” shows us a simple table showing the information we have entered so far. Since we created the table with user_id, it shows the user_id field with varchar(50), which allows us information up to 50 characters.

3. **Add a second field into the table and describe it.** Do this by entering the following commands after mysql>:
    A. alter table tb2 add newfield VARCHAR(25);
        i. Press **Enter**.

B. describe tb2;

i. Press **Enter**.

ii. Capture a screenshot or clipping of the results of this action, and place it in a Word document for submission.



This screenshot shows the command “alter table tb2 add newfield VARCHAR(25)” which created a new field called “newfield”. The command “describe tb2” shows the new field and the type “VARCHAR(25)” which will allow information up to 25 characters.