Critical Thinking Assignment 2: Guitar Shop Database

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ITS410: Database Management

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Critical Thinking Assignment 2: Guitar Shop Database

This documentation is part of the Critical Thinking 1 Assignment from ITS410: Database Management at Colorado State University Global. The documentation provides screenshots showcasing the creation of the My Guitar Shop database using a script and additional scripts illustrating basic data querying.

The Assignment Direction:

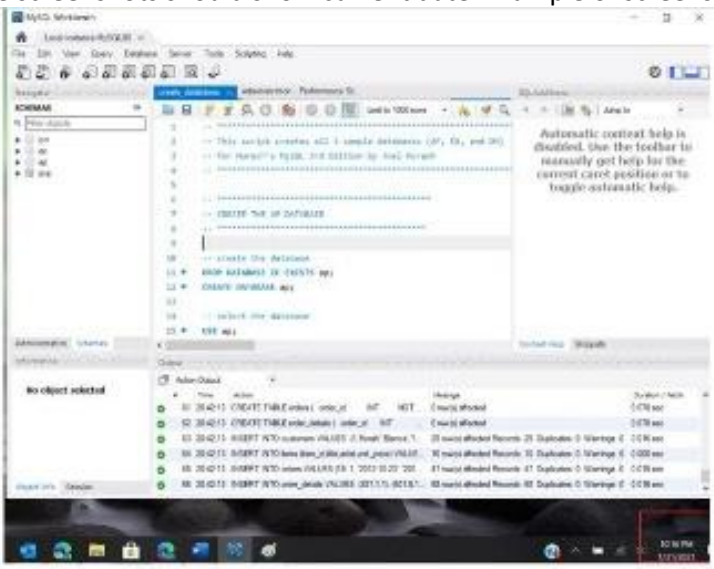
Using the My Guitar Shop database you installed in Module 1, develop the following queries.

1. Write a SELECT statement that returns four columns from the Products table: product_code, product_name, list_price, and discount_percent. Then, run this statement to make sure it works correctly. Take a screenshot of the query and results.
2. Write a SELECT statement that returns one column from the Customers table named full_name that joins the last_name and first_name columns.
   Format this column with the last name, a comma, a space, and the first name like this:
   Doe, John
   Sort the result set by the last_name column in ascending sequence.
   Return only the customers whose last names begin with letters from M to Z. Execute the query and take a screenshot of the query and the results.
   NOTE: When comparing strings of characters, 'M' comes before any string of characters that begins with 'M'. For example, 'M' comes before 'Murach'.
3. Write a SELECT statement that returns these columns from the Products table:

product_name	The product_name column
list_price	The list_price column
date_added	The date_added column

   Return only the rows with a list price that's greater than 500 and less than 2000.
   Sort the result set by the date_added column in descending sequence. Execute the query and take a screenshot of the query and the results.

All the screenshots should show current date. Example of screenshot.

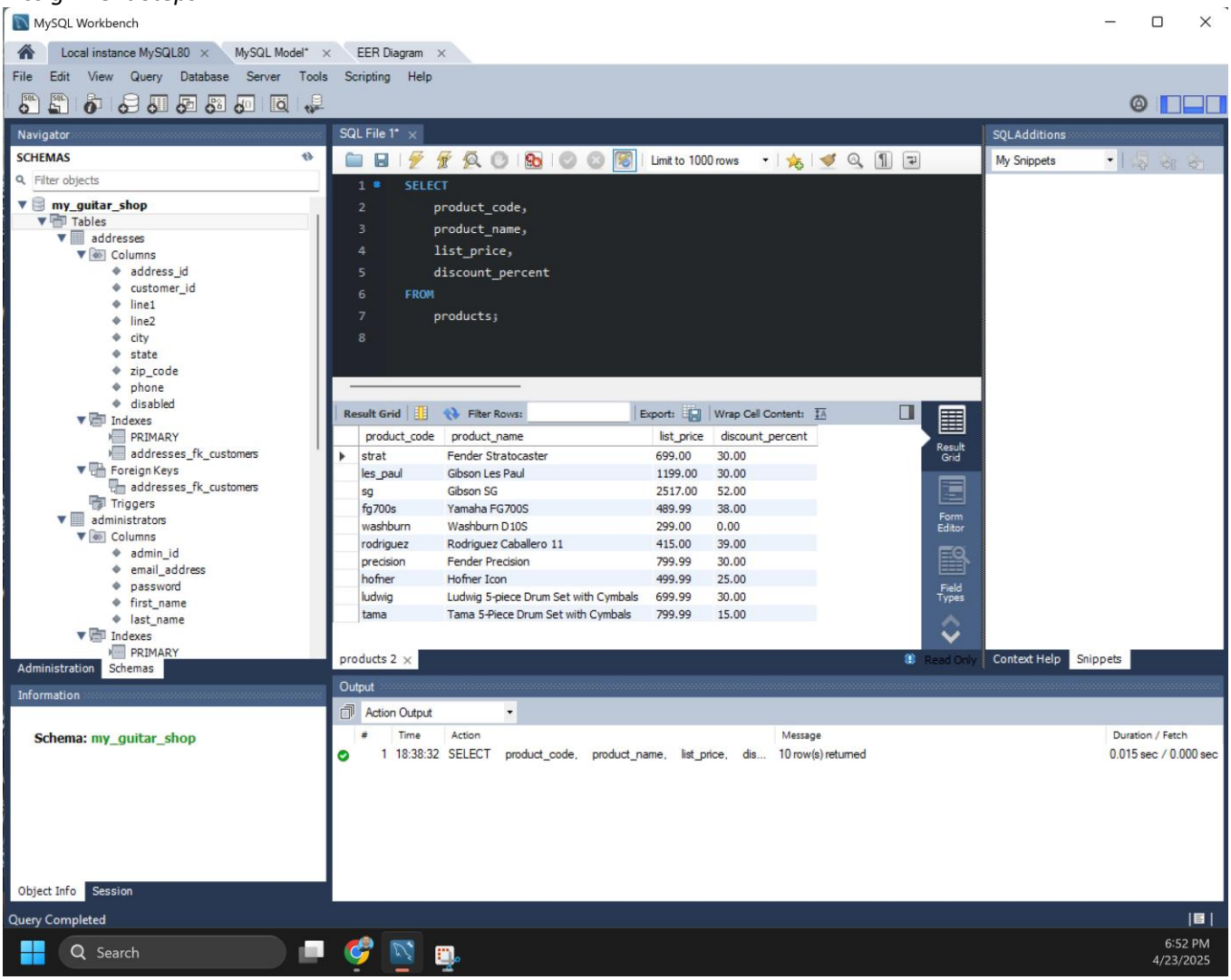


Submit your labeled results screenshots in a Word file.

Screenshots

Figure 1

Assignment Steps 1

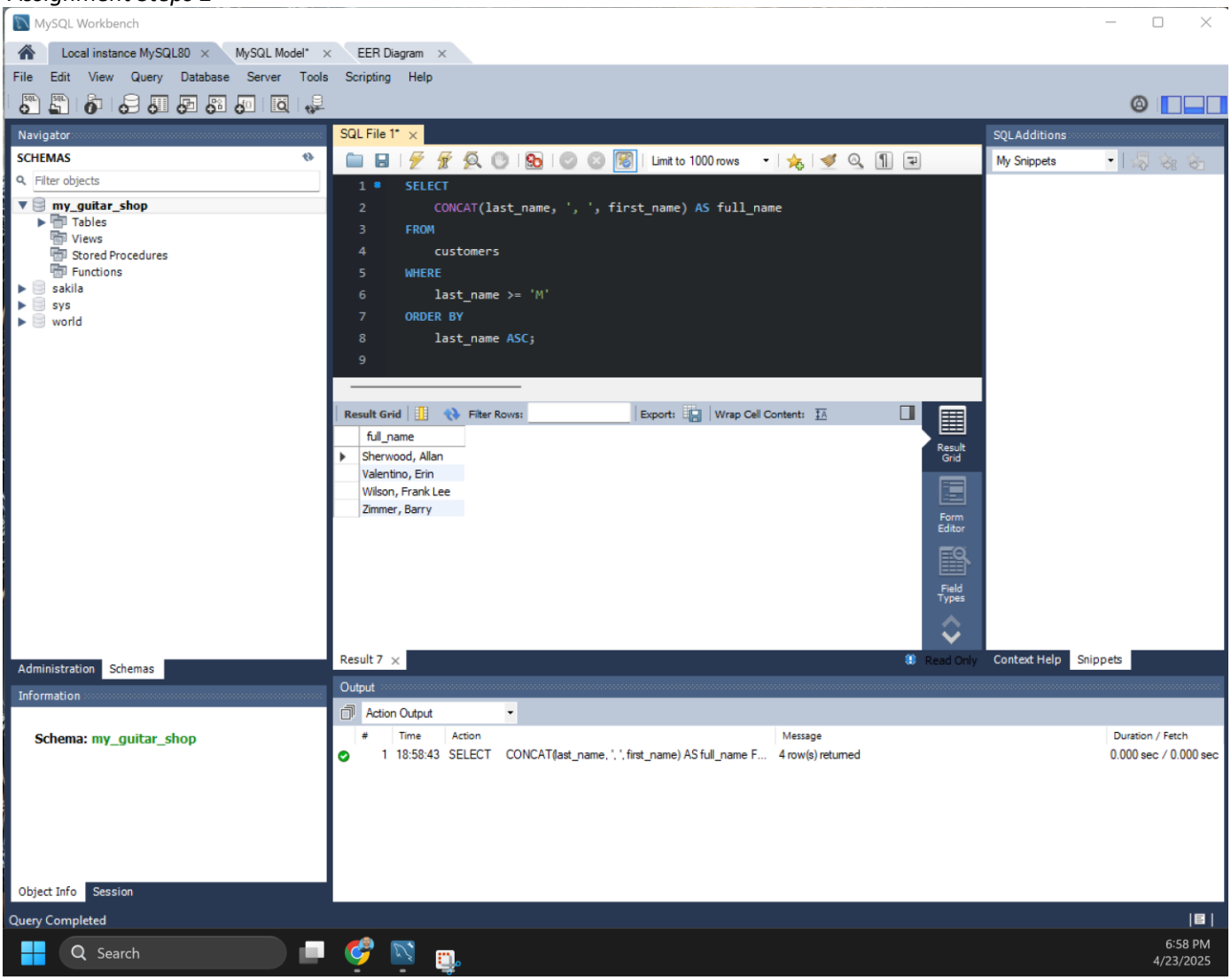


Note: The figure illustrates the MySQL Workbench result after performing steps 1.

Please see the next page.

Figure 2

Assignment Steps 2

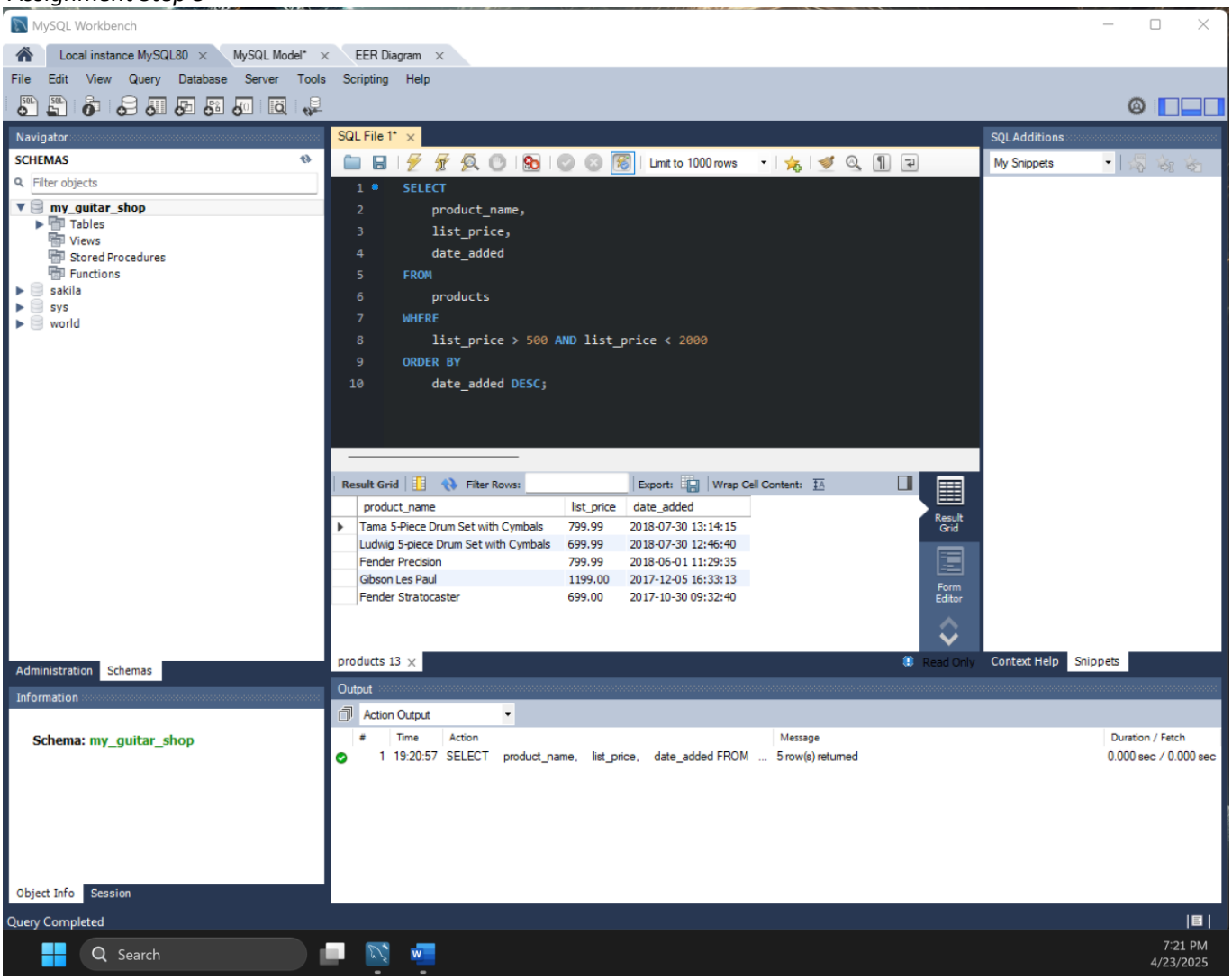


Note: The figure illustrates the MySQL Workbench result after performing steps 2.

Please see the next page.

Figure 3

Assignment Step 3



Note: The figure illustrates the MySQL Workbench result after performing steps 3.