...Module 5: Critical Thinking

Points 75   **Submitting** a file upload

Writing Queries

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

1. Write a SELECT statement that returns these columns:

   The count of the number of orders in the Orders table

   The sum of the tax_amount columns in the Orders table

   Execute the query and take a screenshot of the query and the results.

2. Write a SELECT statement that returns one row for each category that has products with these columns:

   The category_name column from the Categories table

   The count of the products in the Products5table

   The list price of the most expensive product in the Products table.

   Sort the result set so the category with the most products appears first. Execute the query, and take a screenshot of the query and the results.

3. Write a SELECT statement that returns one row for each customer that has orders with these columns:

   The email_address column from the Customers table

   The sum of the item price in the Order_Items table multiplied by the quantity in the Order_Items table

   The sum of the discount amount column in the Order_Items table multiplied by the quantity in the Order_Items table

   Sort the result set in descending sequence by the item price total for each customer. Execute the query and take a screenshot of the query and the results.

4. Write a SELECT statement that returns one row for each customer that has orders with
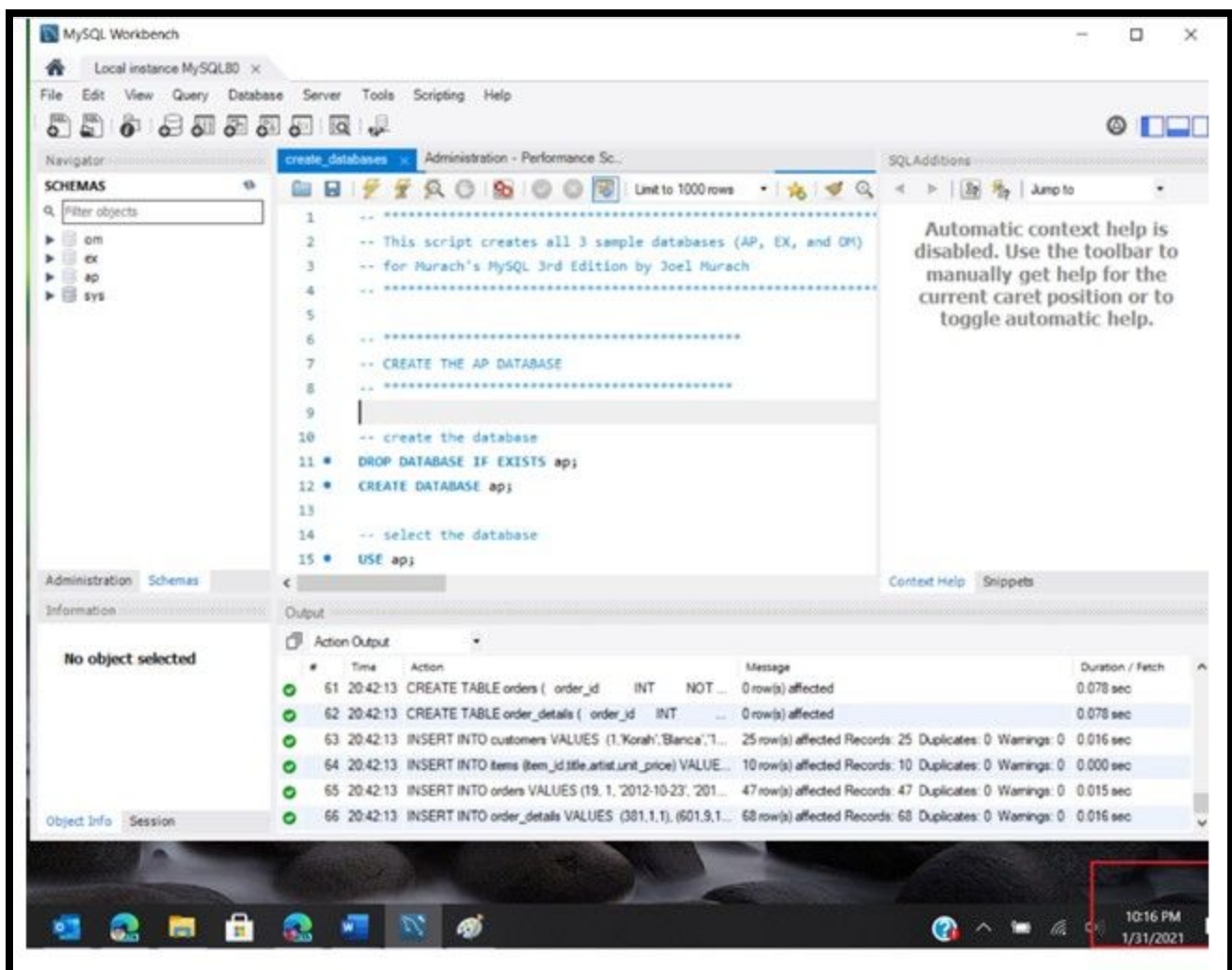
these columns:

The email_address column from the Customers table

A count of the number of orders

The total amount for each order (*Hint: First, subtract the discount amount from the price. Then, multiply by the quantity.*)

Return only those rows where the customer has more than one order. Sort the result set in descending sequence by the sum of the line item amounts. 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 query and query results screenshots in a Word file.

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Criteria	Ratings				Pts
Requirements	**50 to >40.0 pts** **Meets Expectation** Includes all of the required components, as specified in the assignment.	**40 to >30.0 pts** **Approaches Expectation** Includes most of the required components, as specified in the assignment.	**30 to >20.0 pts** **Below Expectation** Includes some of the required components, as specified in the assignment.	**20 to >0 pts** **Limited Evidence** Includes few of the required components, as specified in the assignment.	50 pts
Content	**25 to >20.0 pts** **Meets Expectation** Demonstrates strong or adequate knowledge of the materials; correctly represents knowledge from the readings and sources.	**20 to >15.0 pts** **Approaches Expectation** Some significant but not major errors or omissions in demonstration of knowledge.	**15 to >10.0 pts** **Below Expectation** Major errors or omissions in demonstration of knowledge.	**10 to >0 pts** **Limited Evidence** Fails to demonstrate knowledge of the materials.	25 pts
				Total Points: 75…	