

CSE 4508 – RDBMS Programming Lab

Lab 3

Scenario:

A company has a products table, orders table, and order_items table to track product sales information.

Products (id, name, unit_price)

Orders (id, order_date, customer_id)

Order_Items (order_id, product_id, quantity)

Sample Data:

- Insert some data in all relevant tables created. (at least 10 entries)
- You have data from June and July months of 2023.

Task A:

1. Find the total revenue generated from each product in June 2023.
2. Determine the total quantity sold for the 5 most popular products last month (July).
3. List customers who have spent more than \$1000 in July 2023.
4. Increase the price of all products that sold more than 5 times in the month of July.

Task B:

Show with appropriate examples the use of the following built-in functions:

CONCAT, INSTR, LOWER, UPPER, LENGTH, L/R PAD, L/R TRIM, SUBSTR, COUNT