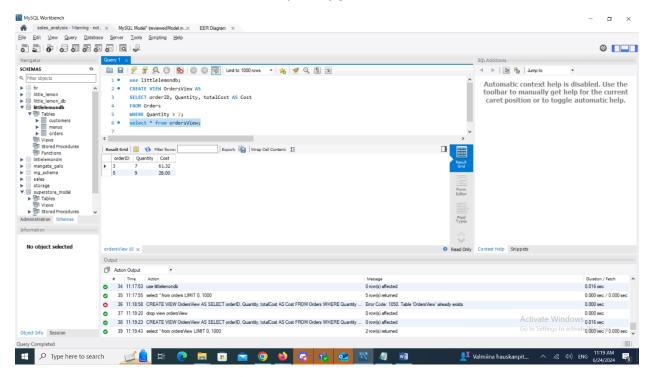
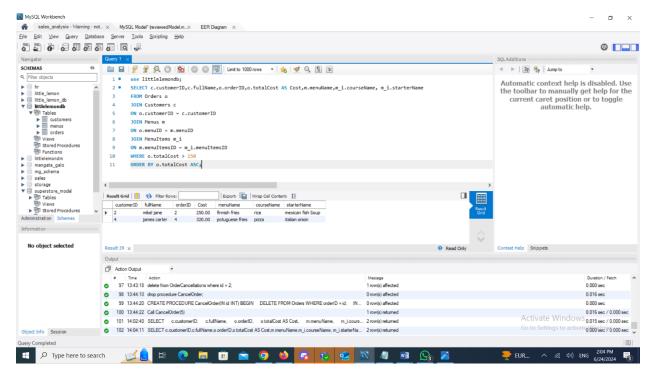
CREATE A VIRTUAL TABLE TO SUMMARIZE DATA:

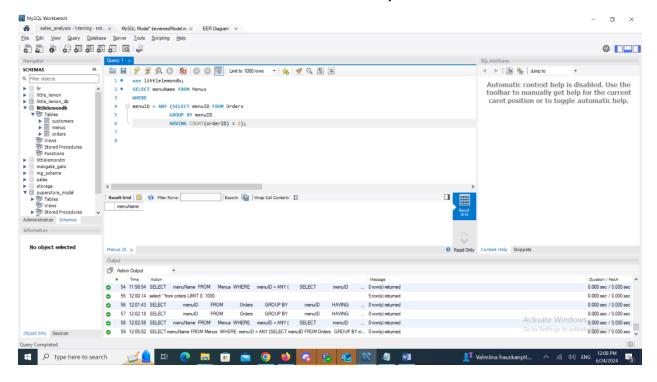
Creating a virtual table called "OrdersView" that focuses on "OrderID", Quantity and Cost columns within the Orders table for all orders with a quantity greater than 2.



Summary from all four tables on all customers with orders that cost more than \$150.



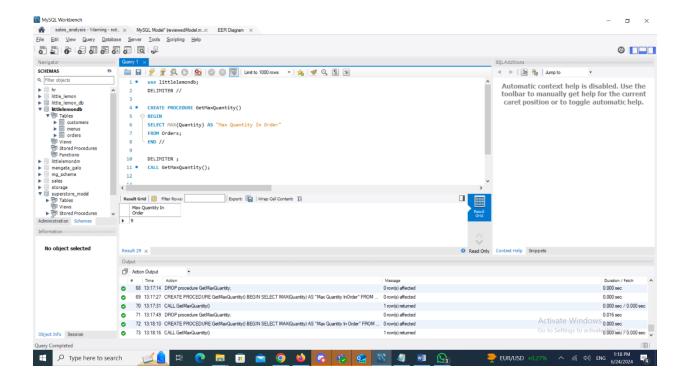
Find all menu items for which more than 2 orders have been placed.



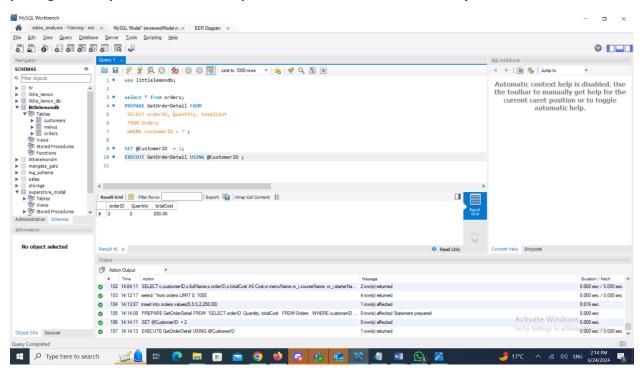
MYSQL QUERY OPTIMIZATION WITH STORED PROCEDURES AND PREPARED STATEMENTS:

CREATING OPTIMIZED QUERIES TO MANAGE AND ANALYZE DATA:

Create a procedure that displays the maximum ordered quantity in the Orders table.



Create a prepared statement called *GetOrderDetail*. This prepared statement will help to reduce the parsing time of queries. It will also help to secure the database from SQL injections.



Create a stored procedure called CancelOrder to delete an order record based on the user input of the order id.

