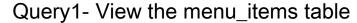
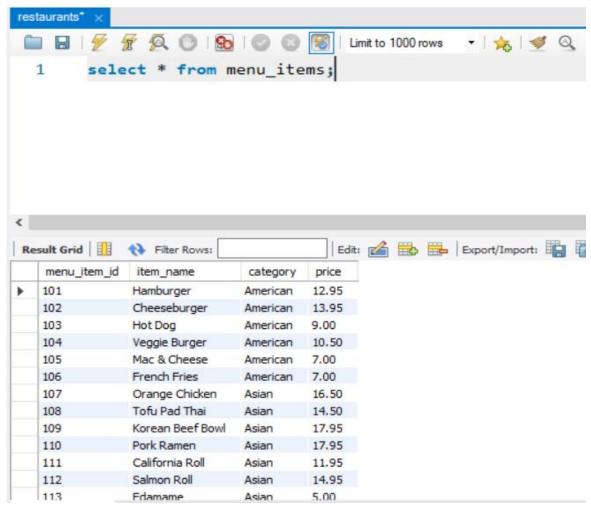


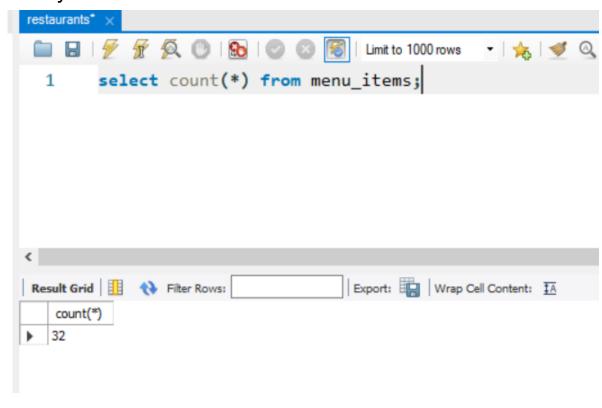
# SQL PROJECT ON RESTAURANT ORDER ANALYSIS

Task 1: View the menu\_items table and write a query to find the number of items on the menu\_



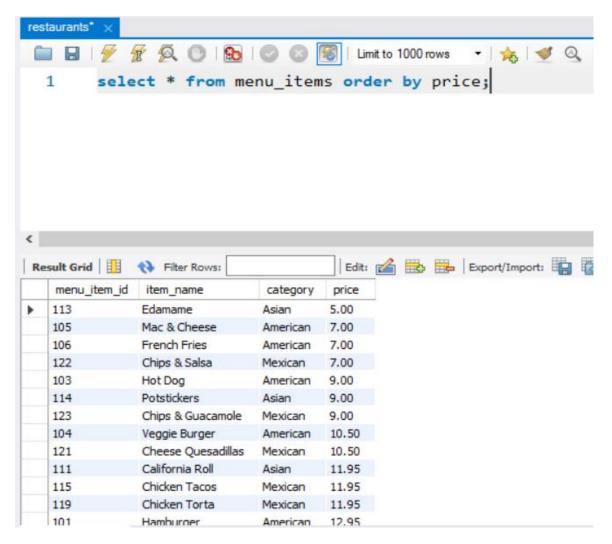


Query2- To find the number of items on the menu

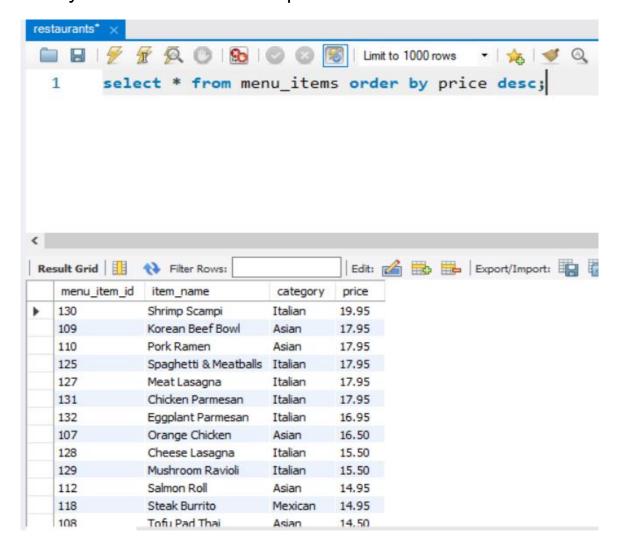


### Task 2: What are the least and most expensive items on the menu?

### Query1: To view the least expensive items

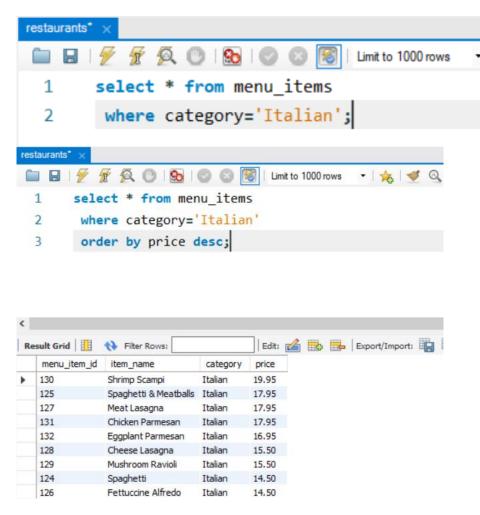


Query2:To view the most expensive items



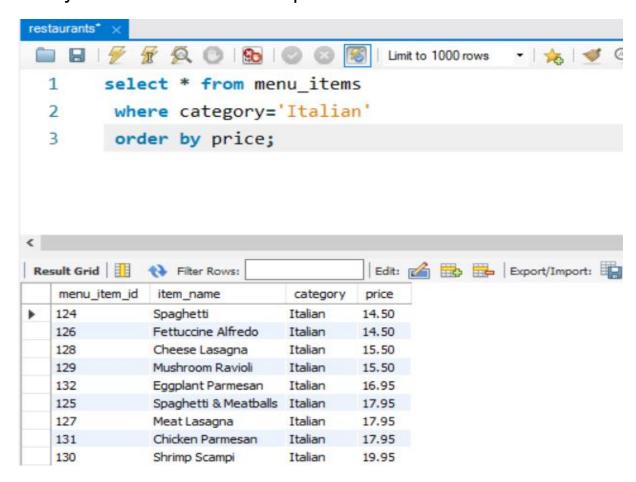
Task3: How many Italian dishes are on the menu? What are the least and most expensive Italian dishes on the menu?

Query1: How many Italian dishes are on the menu.



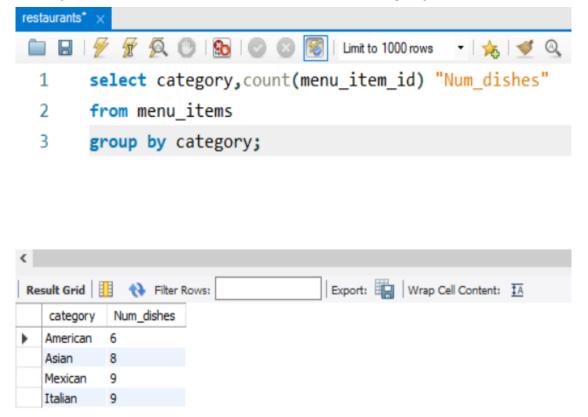
Query3:
To view the most expensive Italian dishes on the menu.

Query2: To view the least expensive dishes on the menu.

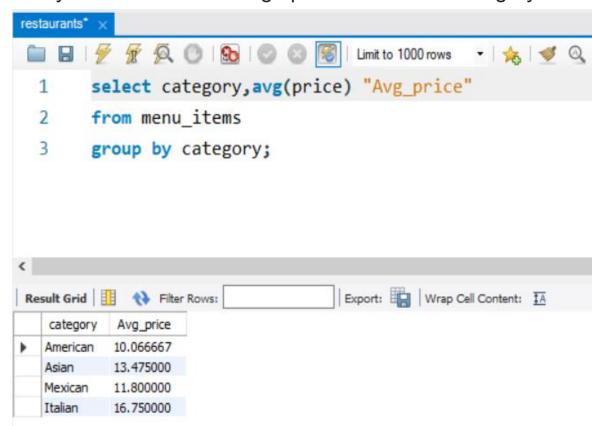


Task 4: How many dishes are in each category? What is the average dish price within each category?

Query1: To view the dishes in each category



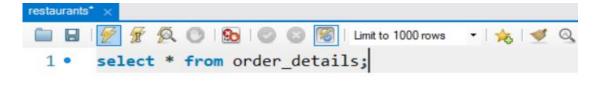
Query2: To view the Average price within each category

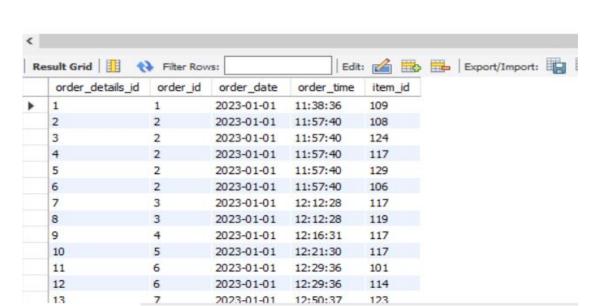


# Objective – 2 Explore the orders table

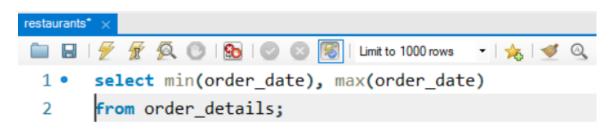
### Task 1: View the order\_details table. What is the date range of the table?

Query1: To view the order\_details table





Query2: To view the date range of the table

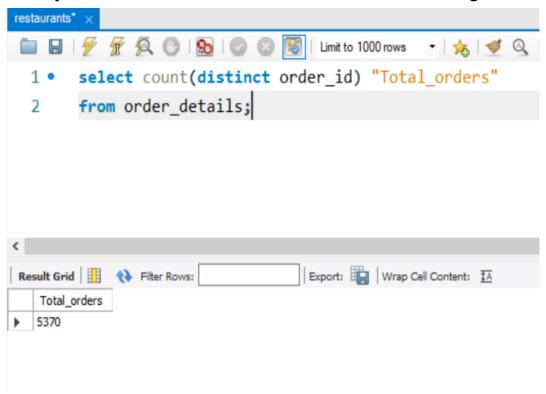




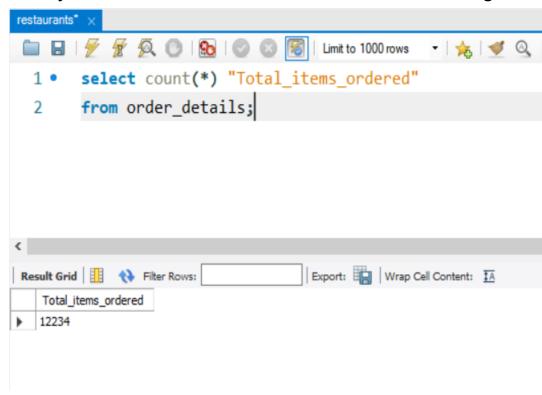
# Objective – 2 Explore the orders table

Task 2: How many orders were made within this date range? How many items were ordered within this date range?

Query1: To view the orders made within date range



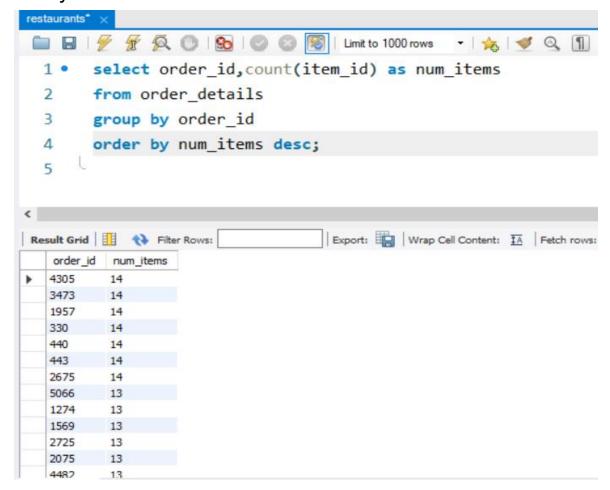
Query2: To view the items ordered within date range



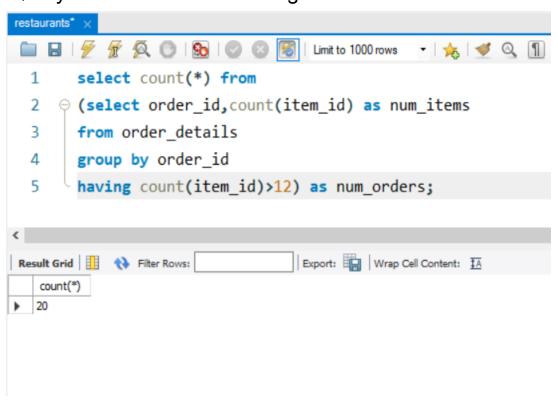
# Objective – 2 Explore the orders table

Task 2: Which orders had the most number of items? How many orders had more than 12 items?

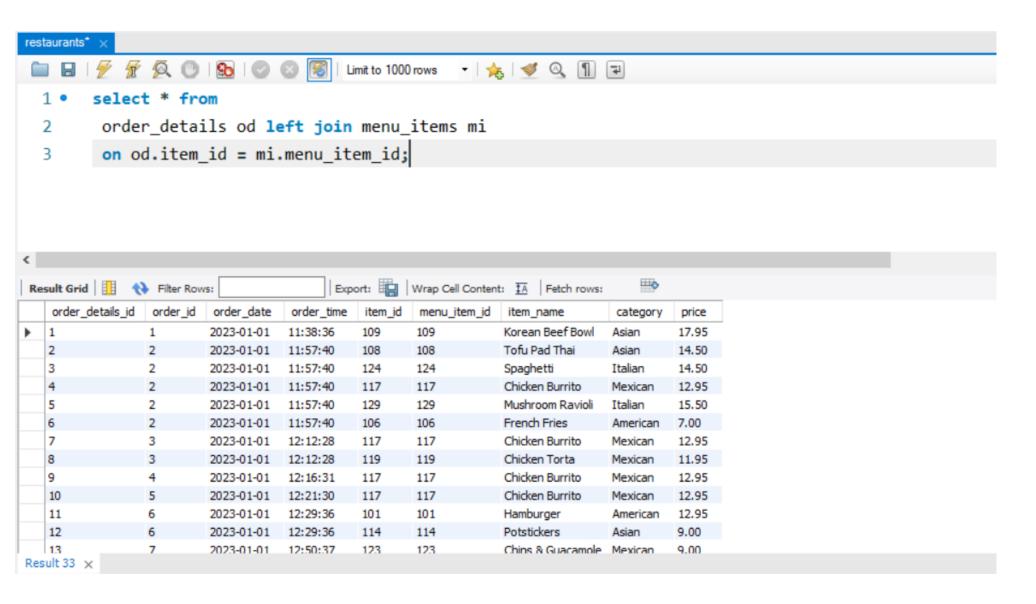
### Query1: To view the orders with most items



Query2: To view orders having more than 12 items

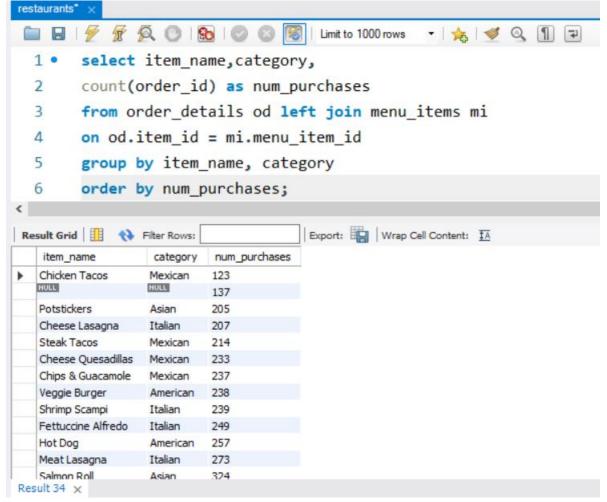


Task 1: Combine the menu\_items and order\_details tables into a single table

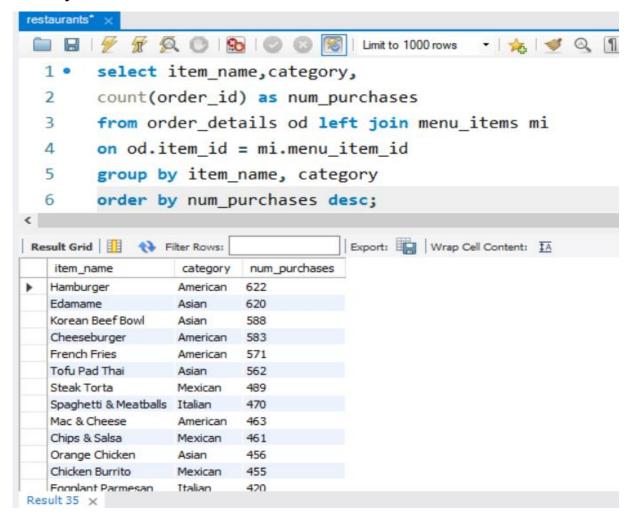


### Task 2:What were the least and most ordered items? What categories were they in?



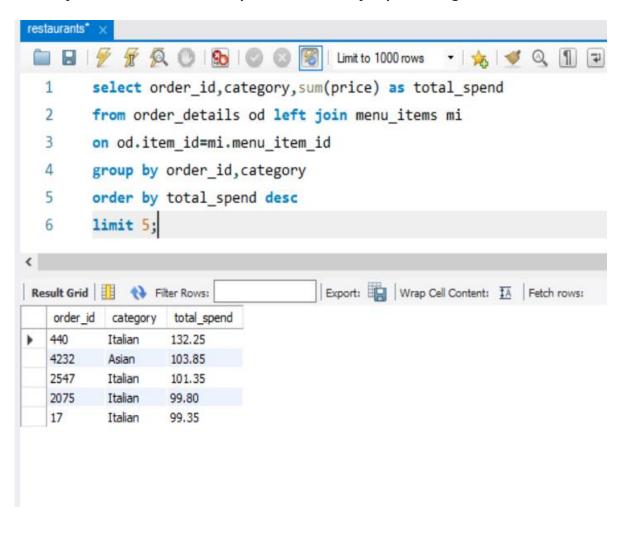


Query2: To view the most ordered items

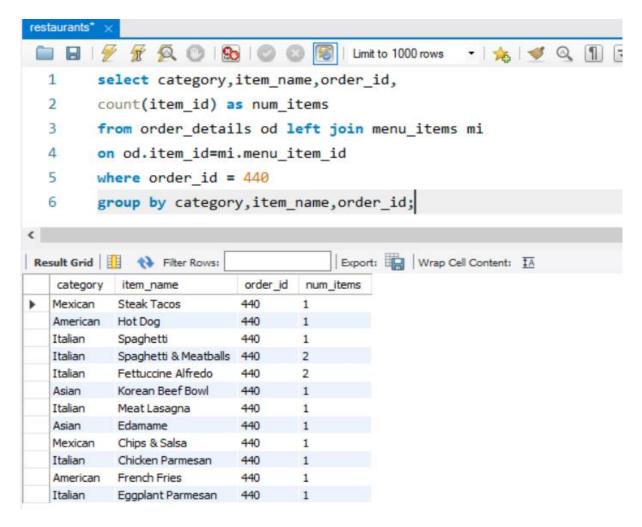


Task 3&4: What were the top 5 orders that spent the most money? View the details of the highest spend order. Which specific items were purchased?

Query1: To view the Top 5 Orders by spending

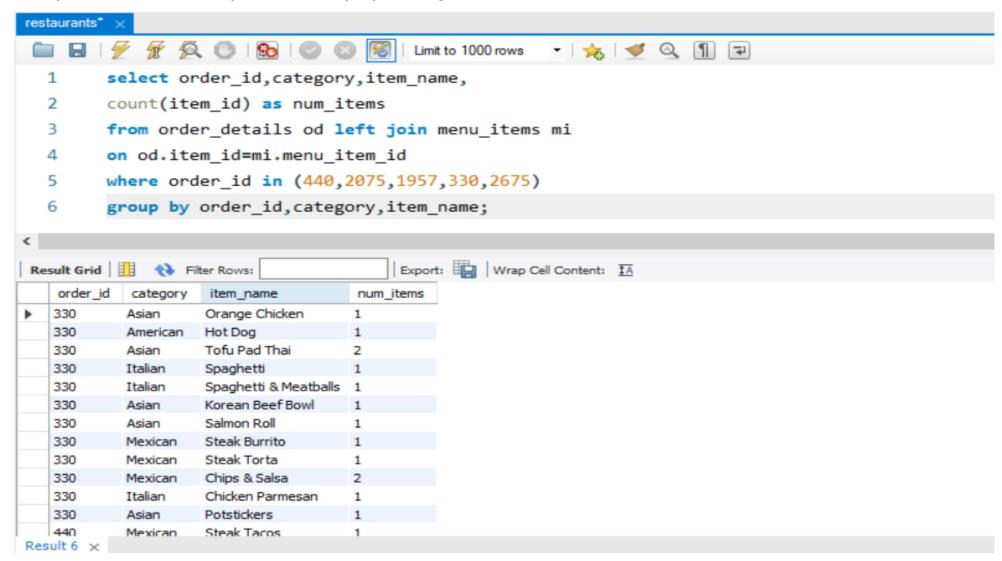


Query2: To view the Highest spend order and items purchased



Task 5: View the details of the top 5 highest spend orders.

Query1: To view the Top 5 orders by spending



# SQL Queries Learned in this Project:

- Count
- Order By
- Group By
- Sorting (Ascending & Descending)
- Where
- Min and Max
- Average and Sum
- Having
- Join Queries