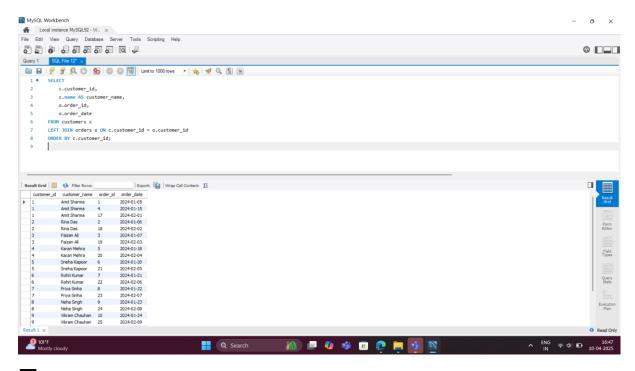
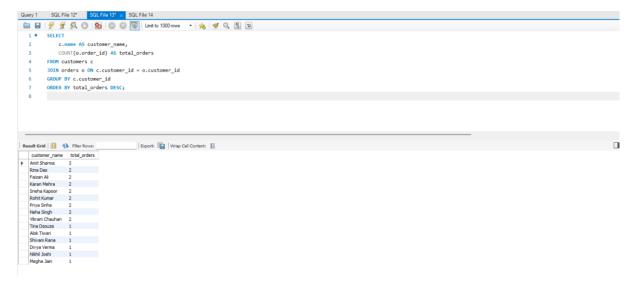
✓ Query 1: Show all customers and their orders (LEFT JOIN)

- Overview: Display all customers' orders.
- Data Used: customers, orders
- Analysis Technique: LEFT JOIN to include customers even without orders
- Tools Applied: MySQL, SELECT, LEFT JOIN, ORDER BY

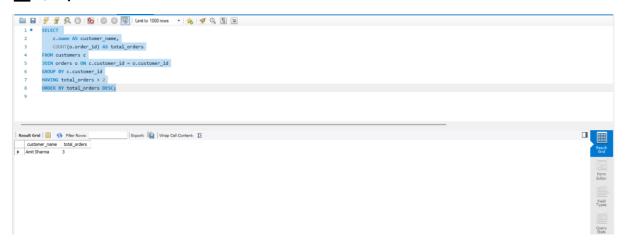


Query 2: Total orders by each customer

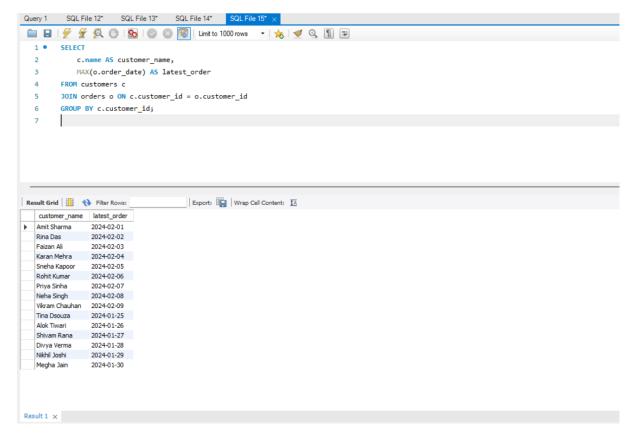
- Overview: Count total orders placed by each customer
- Data Used: customers, orders
- Analysis Technique: JOIN, COUNT aggregation, GROUP BY
- Tools Applied: MySQL, COUNT(), GROUP BY, ORDER BY



✓ Query 3: Customers with more than 2 orders



- Overview: Identify high-frequency customers with more than 2 orders
- **Data Used:** customers, orders
- Analysis Technique: GROUP BY with HAVING filter
- Tools Applied: MySQL, COUNT(), GROUP BY, HAVING
- ✓ Query 4: Latest order for each customer



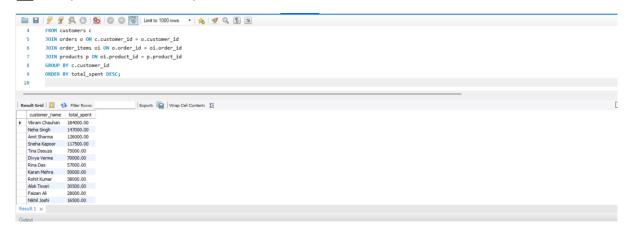
• Overview: Find the most recent order date per customer

• Data Used: customers, orders

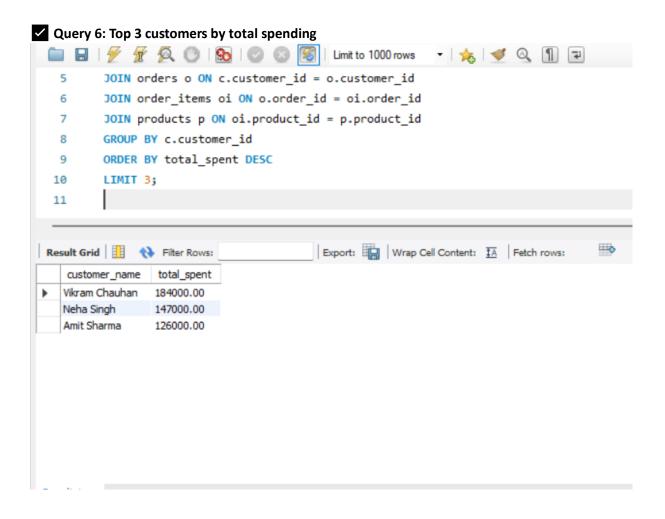
Analysis Technique: Aggregation using MAX()

Tools Applied: MySQL, MAX(), GROUP BY

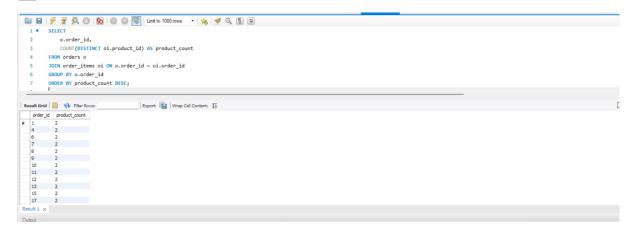
Query 5: Total revenue by customer



- Overview: Calculate how much each customer has spent in total
- Data Used: customers, orders, order_items, products
- Analysis Technique: Revenue calculation using JOINs and SUM
- Tools Applied: MySQL, JOIN, SUM(), Arithmetic, GROUP BY



Query 7: Number of products in each order



- Overview: Count how many distinct products are in each order
- Data Used: orders, order_items
- Analysis Technique: COUNT DISTINCT with GROUP BY
- Tools Applied: MySQL, COUNT(DISTINCT), GROUP BY