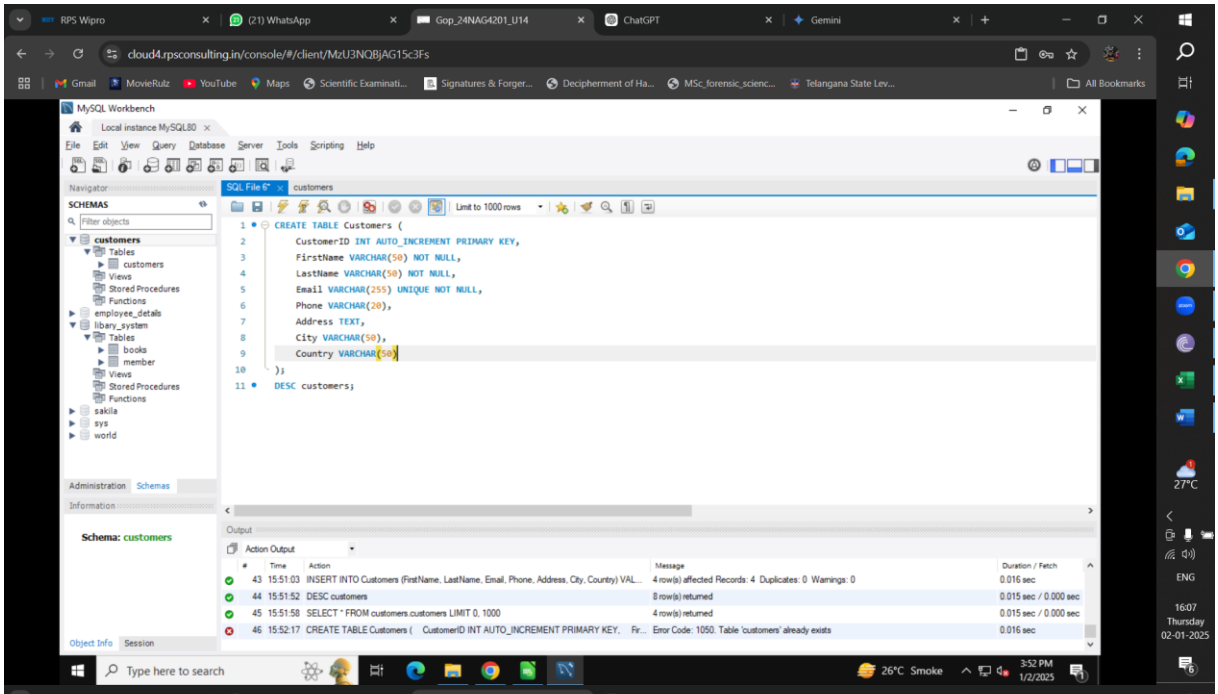
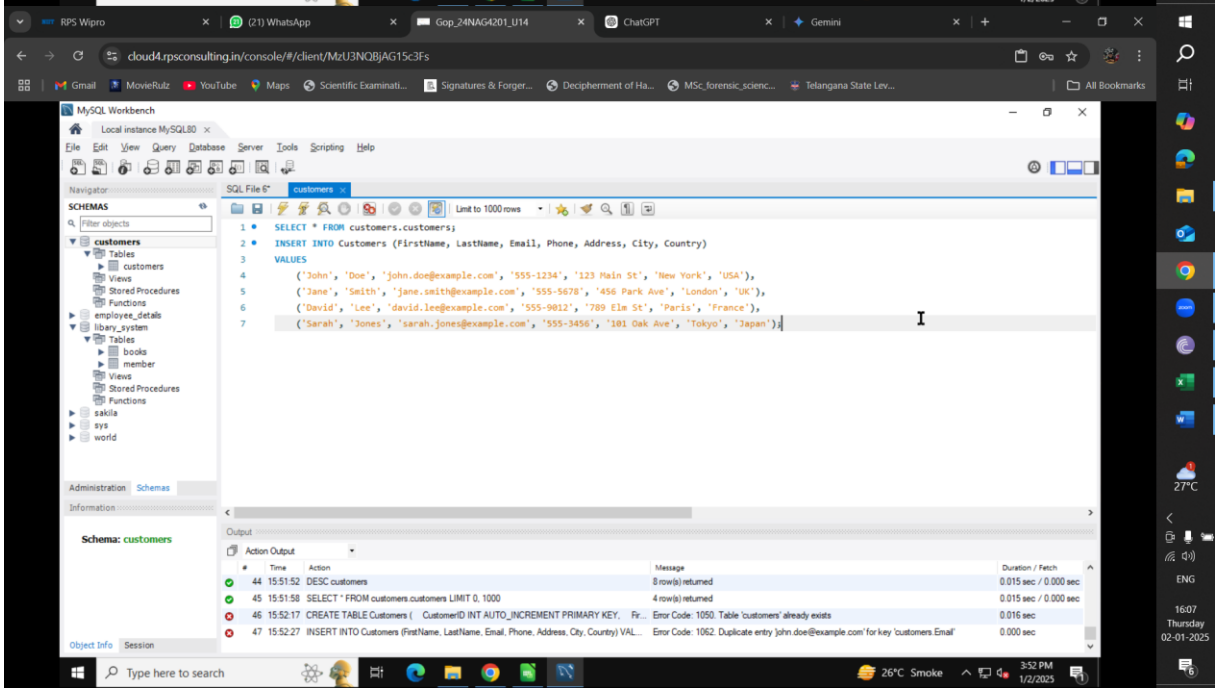
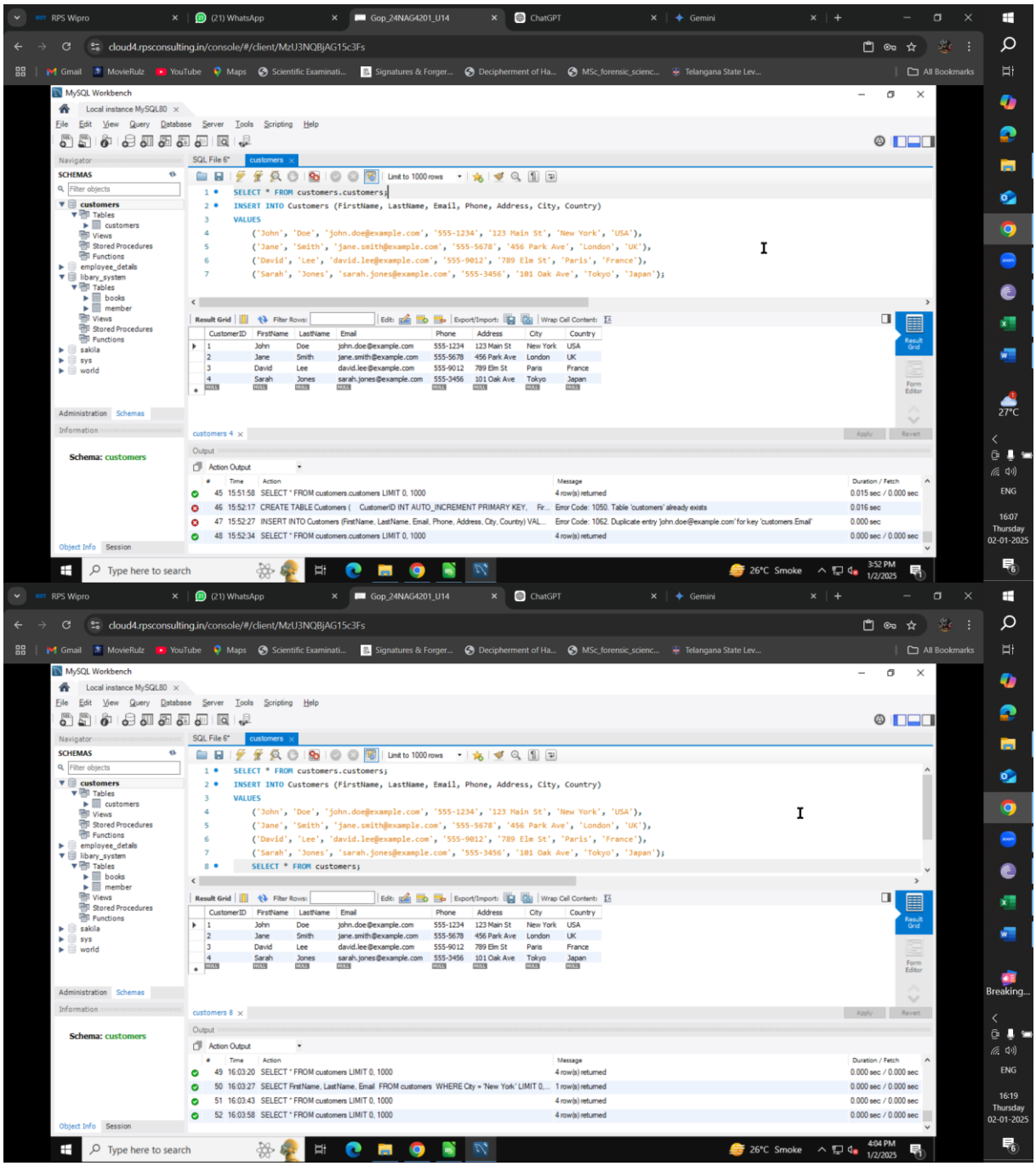
Craft a query using an INNER JOIN to combine 'orders' and 'customers' tables for customers in a specified region, and a LEFT JOIN to display all customers including those without orders.






RPS Wipro
(21) WhatsApp
Gop_24NAG4201_U14
ChatGPT
Gemini
cloud4.rpsconsulting.in/console/#/client/MzU3NQBjAG15c3Fs
MySQL Workbench
Local instance MySQL80
SELECT * FROM customers.customers;
INSERT INTO Customers (FirstName, LastName, Email, Phone, Address, City, Country)
VALUES
('John', 'Doe', 'john.doe@example.com', '555-1234', '123 Main St', 'New York', 'USA'),
('Jane', 'Smith', 'jane.smith@example.com', '555-5678', '456 Park Ave', 'London', 'UK'),
('David', 'Lee', 'david.lee@example.com', '555-9012', '789 Elm St', 'Paris', 'France'),
('Sarah', 'Jones', 'sarah.jones@example.com', '555-3456', '101 Oak Ave', 'Tokyo', 'Japan');
Schema: customers
Type here to search
26°C Smoke
3:52 PM
1/2/2025

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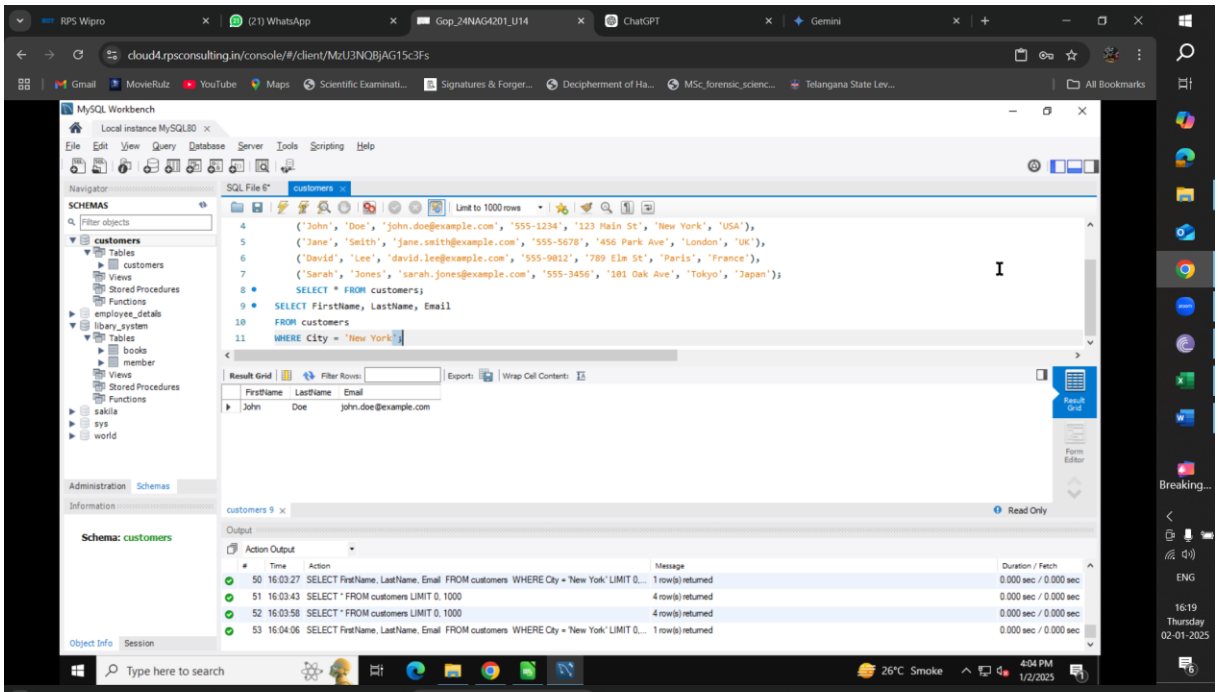
('Sarah', 'Jones', 'sarah.jones@example.com', '555-3456', '101 Oak Ave', 'Tokyo', 'Japan');
SELECT * FROM customers;
Schema: customers
Type here to search
26°C Smoke
4:04 PM
1/2/2025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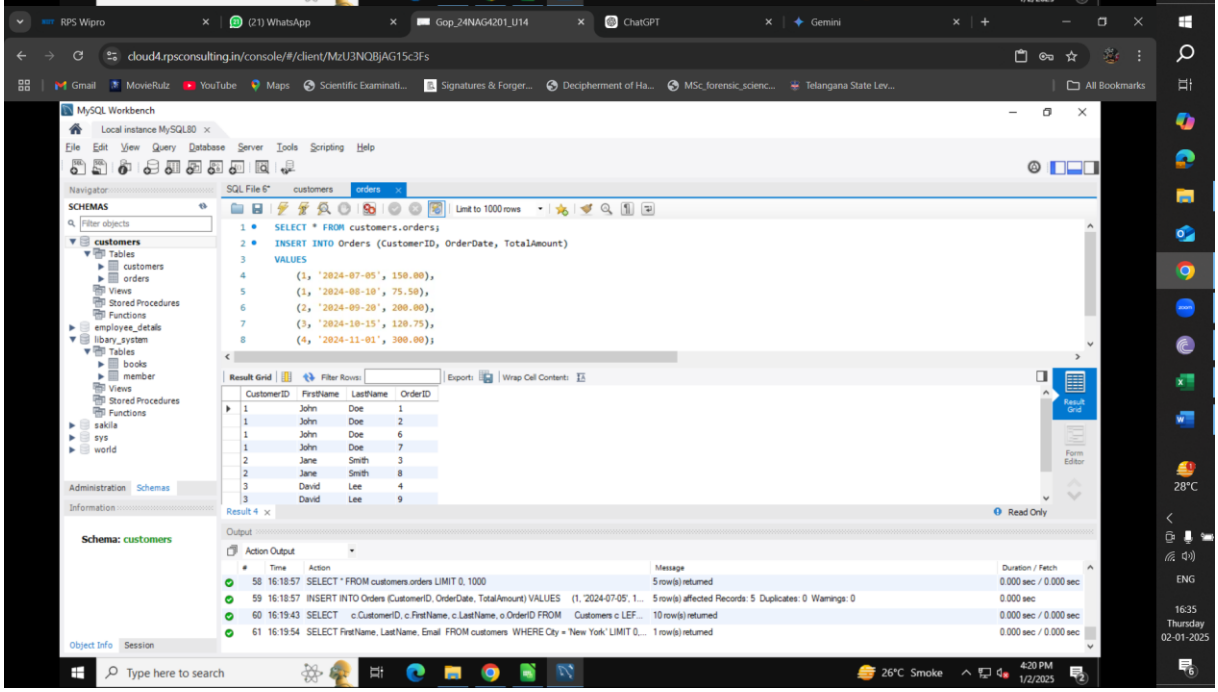
ChatGPT
Gemini
cloud4.rpsconsulting.in/console/#/client/MzU3NQBjAG15c3Fs
MySQL Workbench
Local instance MySQL80
SCHEMAS
customers
employee_details
libary_system
sakila
sys
world
SELECT FirstName, LastName, Email
FROM customers
WHERE City = 'New York';
Schema: customers
Action Output
Type here to search
26°C Smoke
4:04 PM
1/2/2025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MySQL Workbench
Local instance MySQL80
SELECT * FROM customers.orders;
INSERT INTO Orders (CustomerID, OrderDate, TotalAmount)
VALUES
(1, '2024-07-05', 150.00),
(1, '2024-08-10', 75.50),
(2, '2024-09-20', 200.00),
(3, '2024-10-15', 120.75),
(4, '2024-11-01', 300.00);
Schema: customers
Action Output
Type here to search
26°C Smoke
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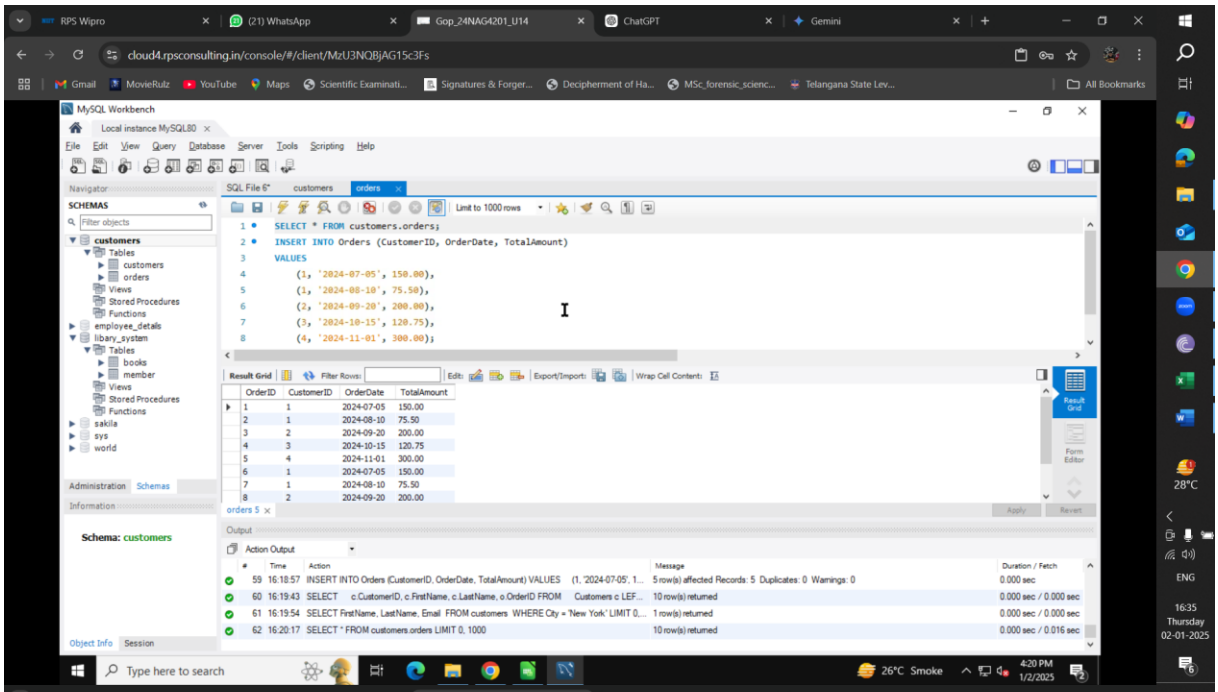
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(3, '2024-10-15', 120.75),
(4, '2024-11-01', 300.00);
Schema: customers
Type here to search
26°C Smoke
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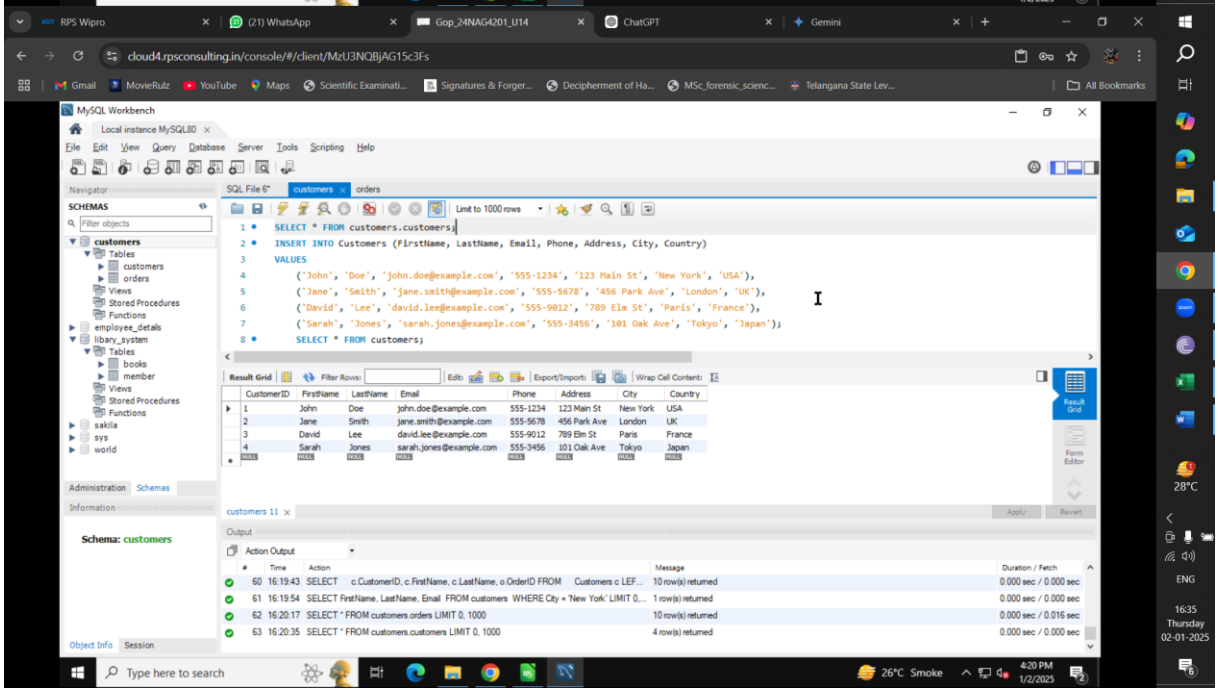
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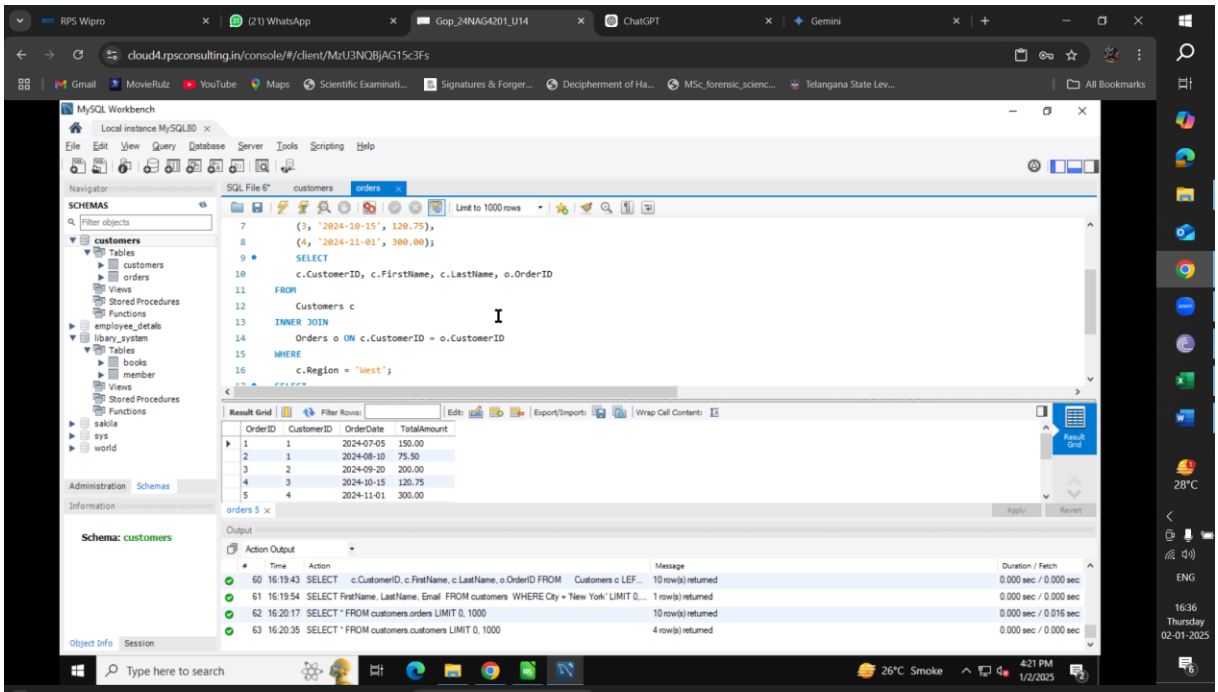
('Jane', 'Smith', 'jane.smith@example.com', '555-5678', '456 Park Ave', 'London', 'UK'),
('David', 'Lee', 'david.lee@example.com', '555-9012', '789 Elm St', 'Paris', 'France'),
('Sarah', 'Jones', 'sarah.jones@example.com', '555-3456', '101 Oak Ave', 'Tokyo', 'Japan');
SELECT * FROM customers;
Schema: customers
Type here to search
26°C Smoke
4:20 PM
1/2/2025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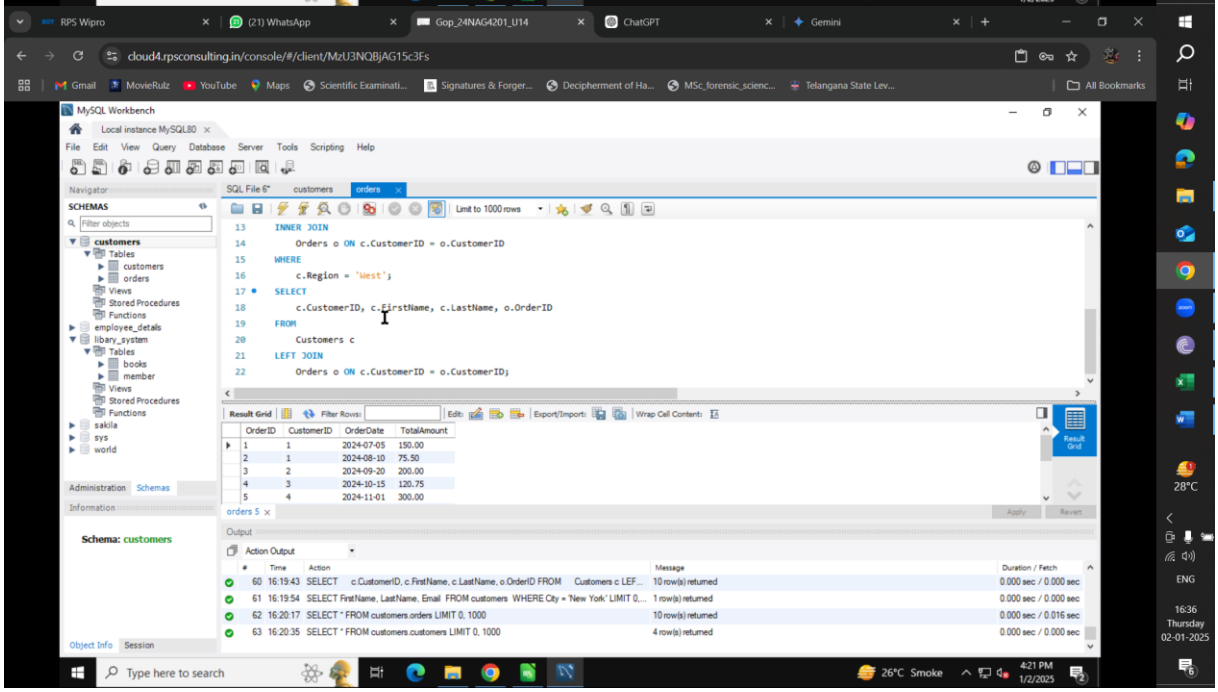
MySQL Workbench
Local instance MySQL80
SCHEMAS
customers
orders
employee_details
libary_system
books
member
sakila
sys
world
Schema: customers
SELECT
c.CustomerID, c.FirstName, c.LastName, o.OrderID
FROM
Customers c
INNER JOIN
Orders o ON c.CustomerID = o.CustomerID
WHERE
c.Region = 'West';
Result Grid
OrderID CustomerID OrderDate TotalAmount
1 1 2024-07-05 150.00
2 1 2024-08-10 75.50
3 2 2024-09-20 200.00
4 3 2024-10-15 120.75
5 4 2024-11-01 300.00
Output
Action Output
60 16:19:43 SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID FROM Customers c LEF... 10 row(s) returned 0.000 sec / 0.000 sec
61 16:19:54 SELECT FirstName, LastName, Email FROM customers WHERE City = 'New York' LIMIT 0,... 1 row(s) returned 0.000 sec / 0.000 sec
62 16:20:17 SELECT * FROM customers.orders LIMIT 0, 1000 10 row(s) returned 0.000 sec / 0.016 sec
63 16:20:35 SELECT * FROM customers.customers LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec
Type here to search
26°C Smoke
4:21 PM
1/2/2025
28°C
ENG
16:36
Thursday
02-01-2025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ChatGPT
Gemini
cloud4.rpsconsulting.in/console/#/client/MzU3NQBjAG15c3Fs
MySQL Workbench
Local instance MySQL80
SCHEMAS
customers
orders
employee_details
libary_system
books
member
sakila
sys
world
Schema: customers
INNER JOIN
Orders o ON c.CustomerID = o.CustomerID
WHERE
c.Region = 'West';
SELECT
c.CustomerID, c.FirstName, c.LastName, o.OrderID
FROM
Customers c
LEFT JOIN
Orders o ON c.CustomerID = o.CustomerID;
Result Grid
OrderID CustomerID OrderDate TotalAmount
1 1 2024-07-05 150.00
2 1 2024-08-10 75.50
3 2 2024-09-20 200.00
4 3 2024-10-15 120.75
5 4 2024-11-01 300.00
Output
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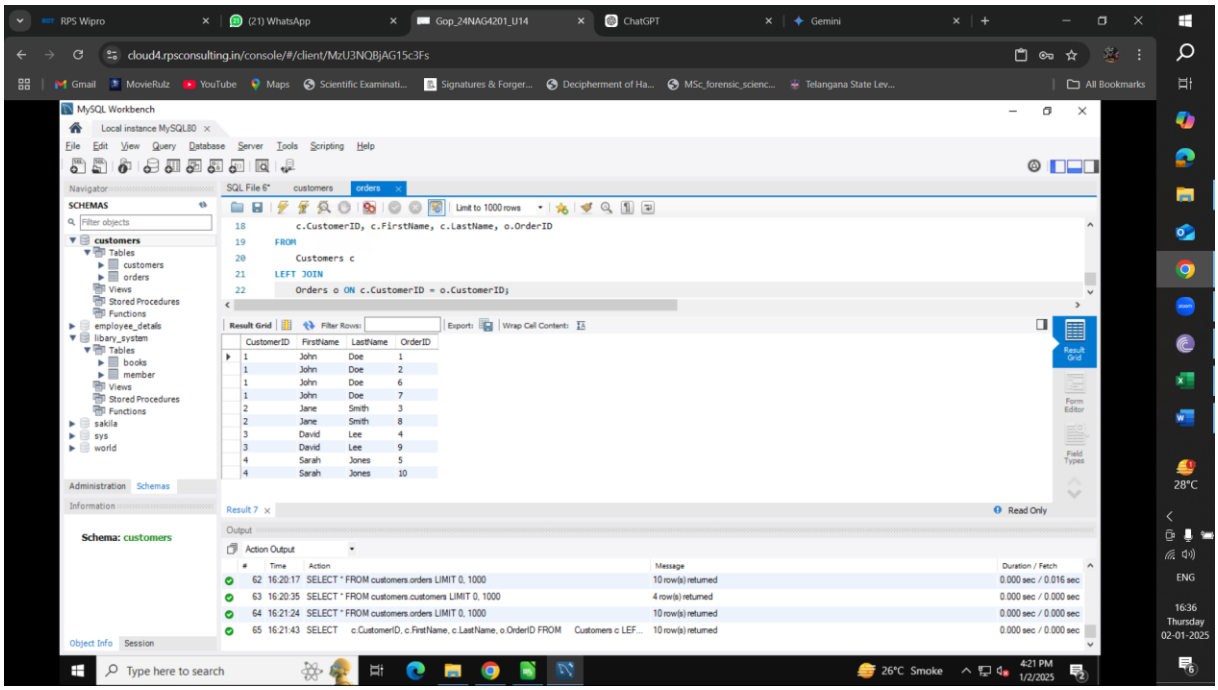

INNER JOIN:

This query retrieves CustomerID, FirstName, LastName, and OrderID for customers who have placed at least one order.
INNER JOIN combines rows from the Customers table (c) and the Orders table (o) based on the matching CustomerID values.
The WHERE clause filters the results to include only customers from the "West" region.

LEFT JOIN:

This query retrieves CustomerID, FirstName, LastName, and OrderID for all customers, including those who have not placed any orders.
LEFT JOIN returns all rows from the Customers table and matches them with the corresponding rows in the Orders table. If no matching order is found for a customer, the OrderID column will be NULL.
Note:

This assumes that your Customers table has a Region column.
Replace "West" with the actual region name in the WHERE clause of the INNER JOIN query.