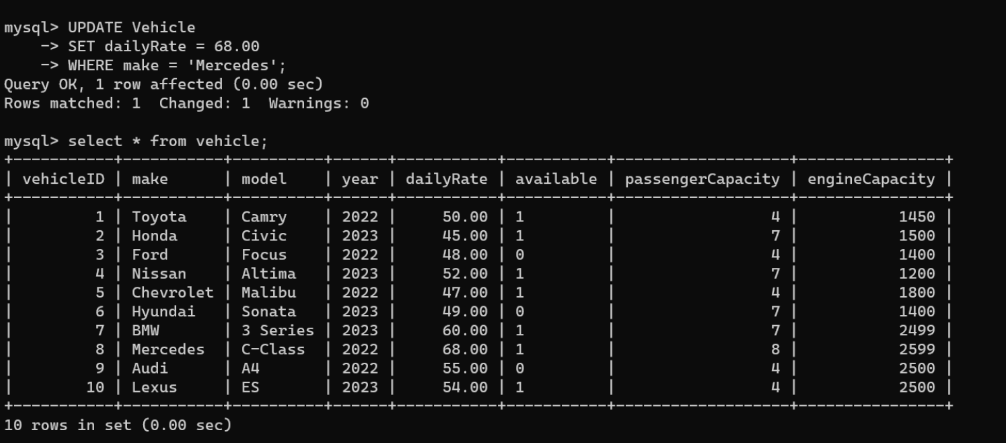
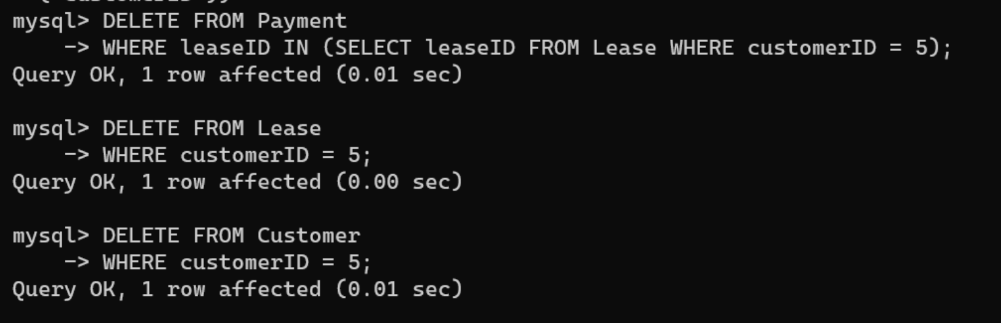
**Coding Challenge - Car Rental System – SQL**

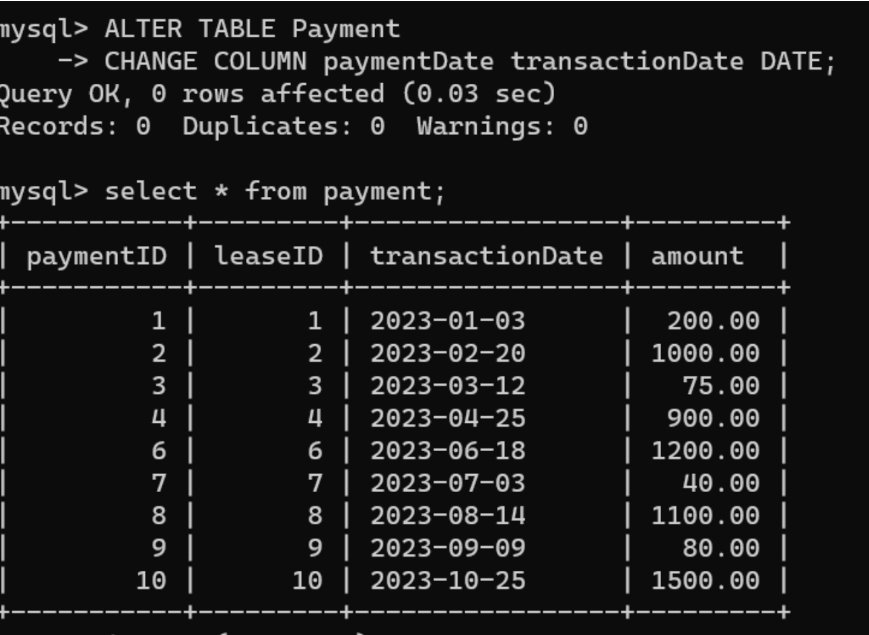
**1. Update the daily rate for a Mercedes car to 68.**

****

**2. Delete a specific customer and all associated leases and payments.**

****

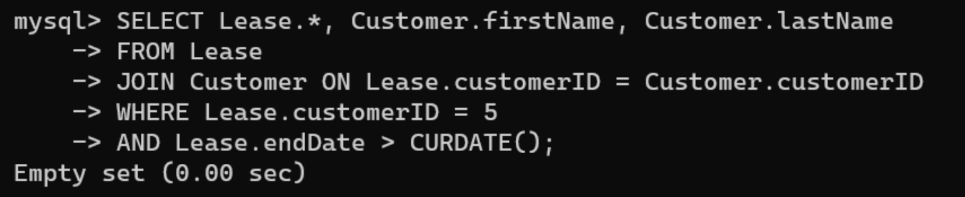
**3. Rename the "paymentDate" column in the Payment table to "transactionDate".**

****

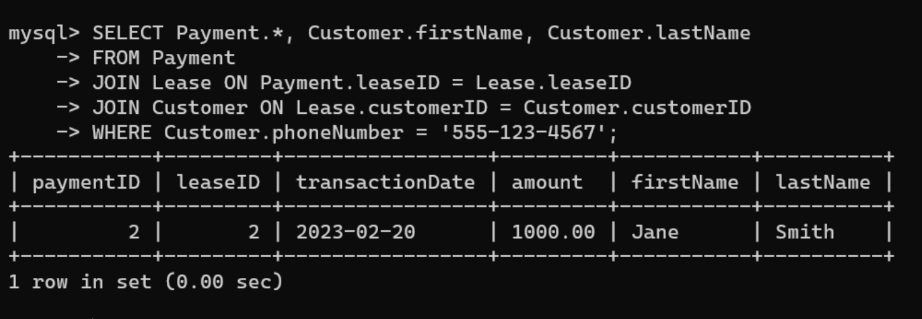
**4. Find a specific customer by email.**

****

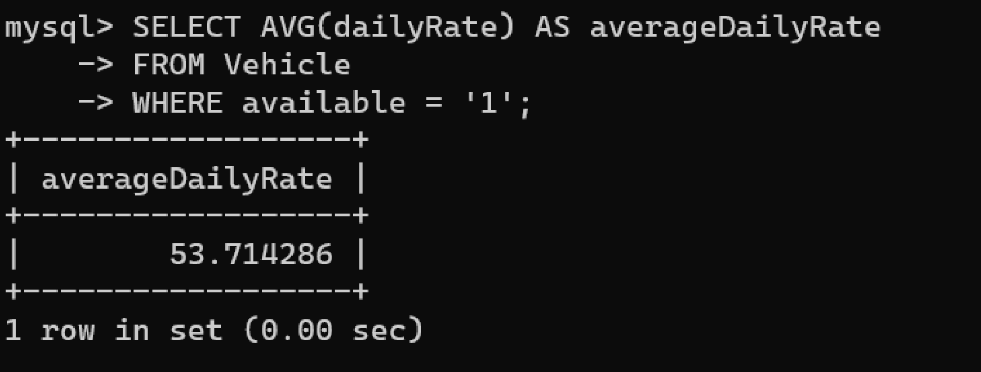
**5. Get active leases for a specific customer.**

****

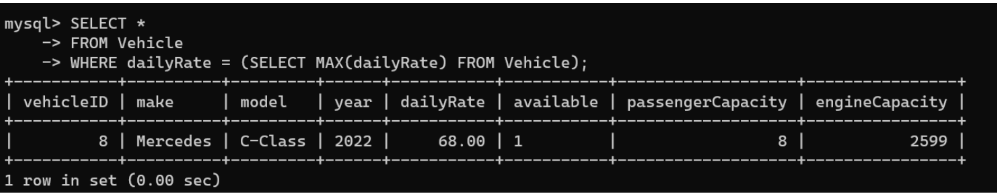
**6. Find all payments made by a customer with a specific phone number.**

****

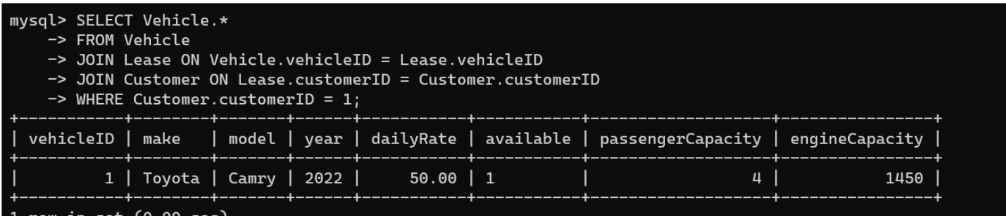
**7. Calculate the average daily rate of all available cars.**

****

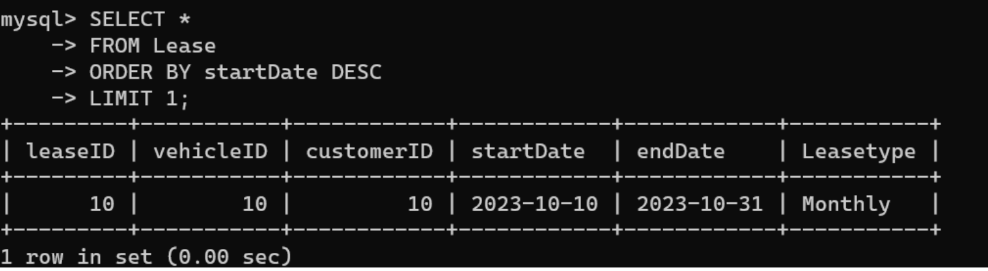
**8. Find the car with the highest daily rate.**

****

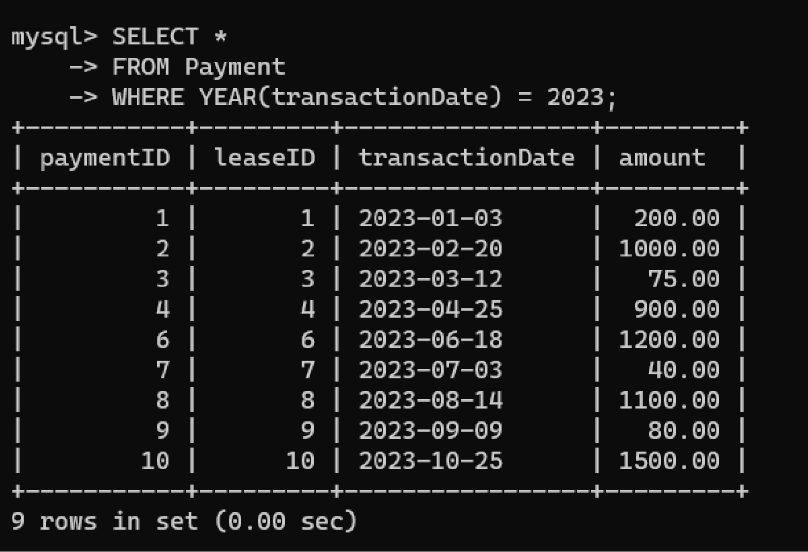
**9. Retrieve all cars leased by a specific customer.**

****

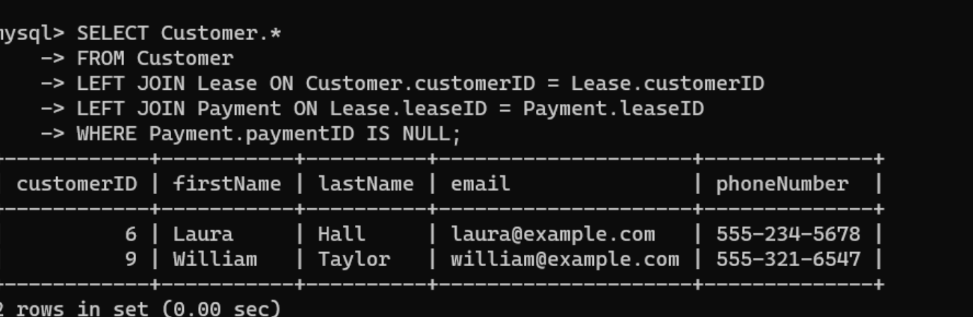
**10. Find the details of the most recent lease.**

****

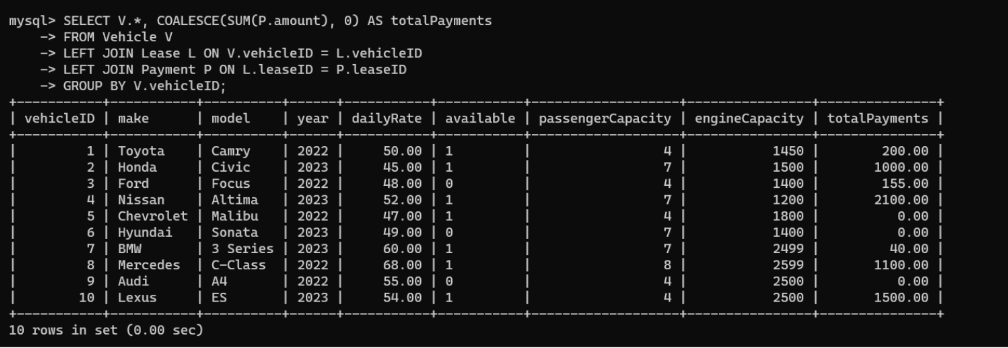
**11. List all payments made in the year 2023.**

****

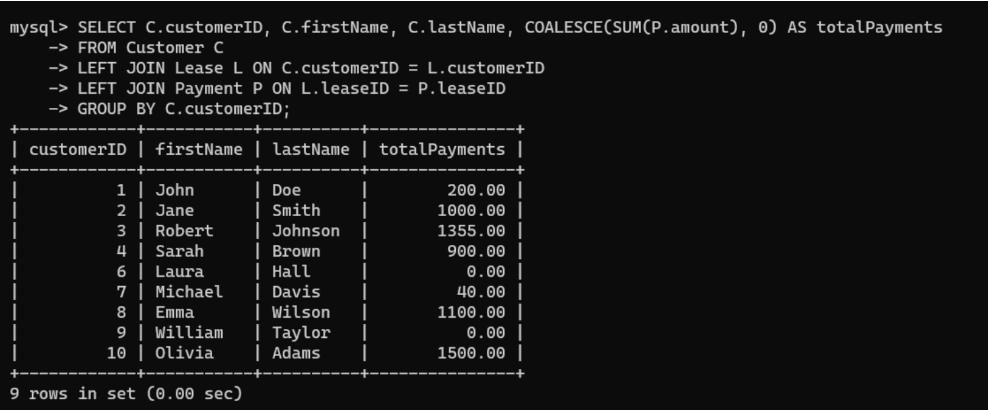
**12. Retrieve customers who have not made any payments.**

****

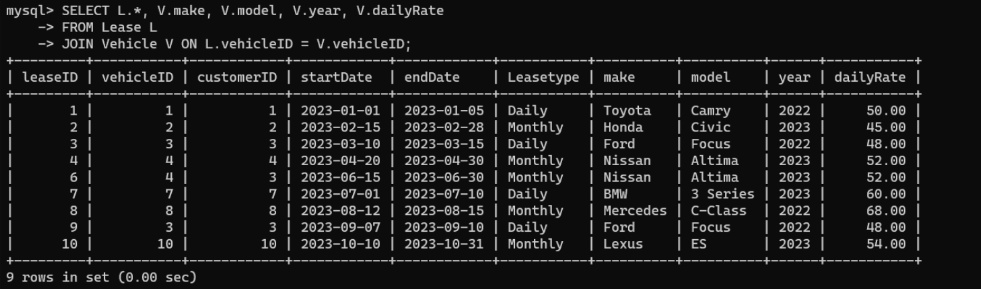
**13. Retrieve Car Details and Their Total Payments.**

****

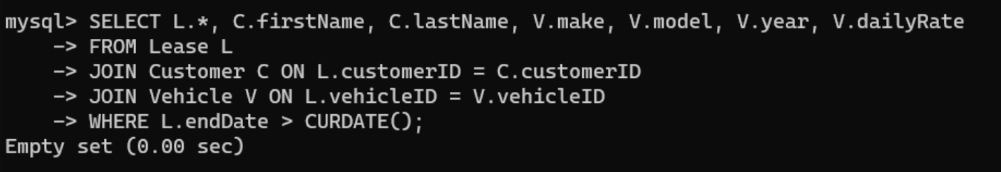
**14. Calculate Total Payments for Each Customer.**

****

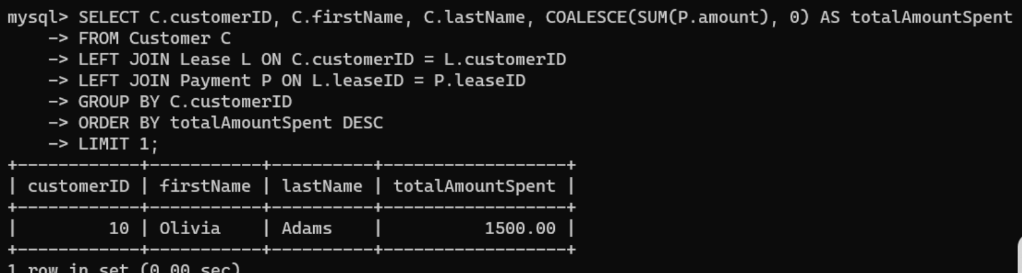
**15. List Car Details for Each Lease.**

****

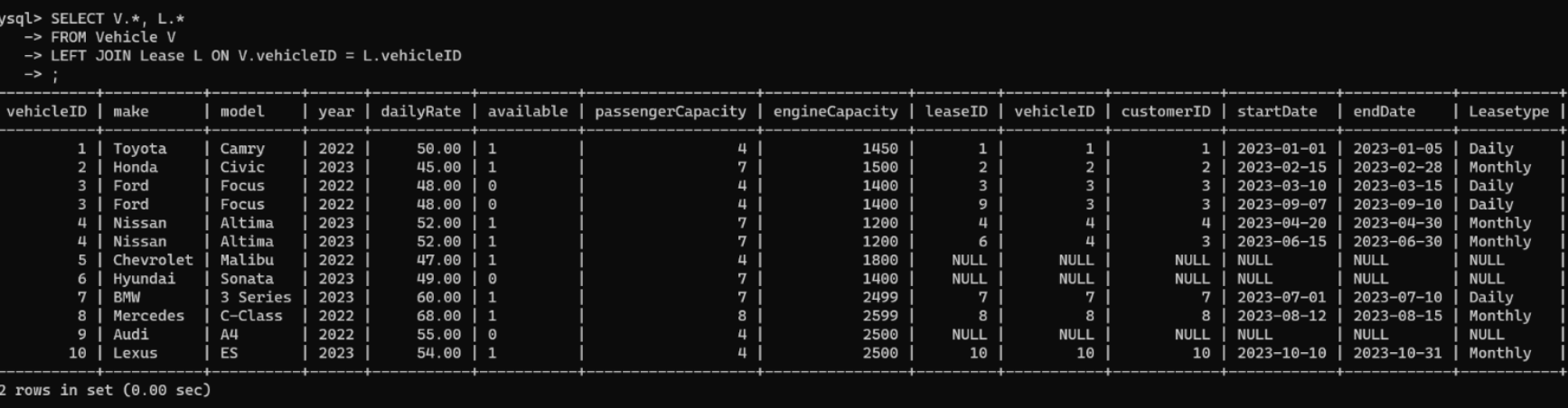
**16. Retrieve Details of Active Leases with Customer and Car Information.**

****

**17. Find the Customer Who Has Spent the Most on Leases.**

****

**18. List All Cars with Their Current Lease Information**

****