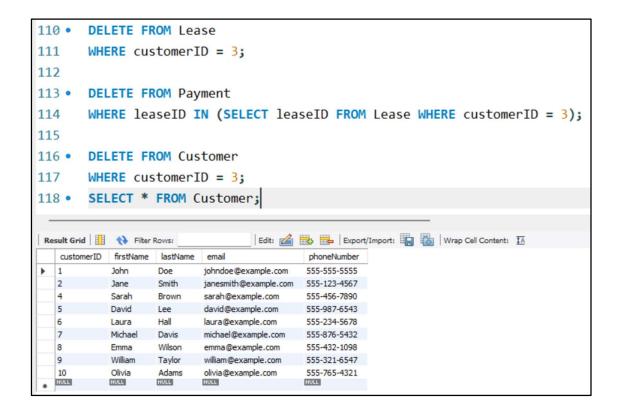
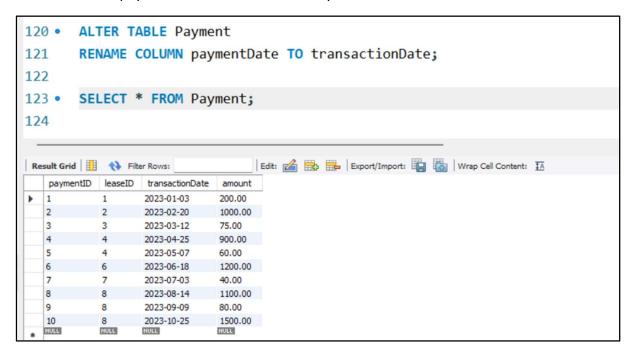
1. Update the daily rate for a Mercedes car to 68.

```
TOO
         UPDATE Vehicle
104 •
         SET dailyRate = 68.00
105
106
         WHERE make = 'Mercedes';
107
         SELECT * FROM Vehicle;
108 •
100
                                         Edit: 🚄 📆 📠 | Export/Import: 🏣 👸 | Wrap Cell Cont
vehideID
            make
                      model
                                   dailyRate status
                                                        passengerCapacity engineCapacity
                              year
                                            available
                     Camry
                             2022
                                   50.00
                                                       5
                                                                       2.50
   1
            Toyota
   2
            Honda
                     Civic
                             2023 48.00
                                            available
                                                       4
                                                                       1.80
   3
                                            available
            Ford
                     Focus
                             2022 55.00
                                                                       2.00
                             2023 54.00
    4
                     Altima
                                            notAvailable 5
                                                                       2.50
            Nissan
   5
            Chevrolet Malibu
                             2022 49.00
                                            available
                                                                       1.50
   6
            Hyundai
                     Sonata 2023 52.00
                                            available
                                                       4
                                                                       2,40
   7
            BMW
                                            available
                     3 Series 2022 58.00
                                                       5
                                                                       2.00
   8
                                          available
            Audi
                    A4 2023 55.00
                                                                       2.00
   9
            Lexus
                     ES
                             2022 54.00
                                            available
                                                       5
                                                                       3,50
    10
            Mercedes
                     C-Class
                             2023
                                  68.00
                                            available
                                                       5
                                                                       3.00
   NULL
            NULL
                     NULL
                             NULL
                                   NULL
                                            NULL
                                                       NULL
                                                                       NULL
```

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.

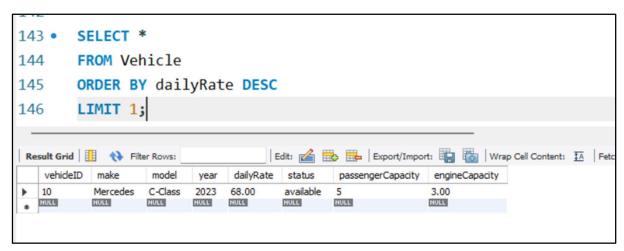
```
133 • SELECT *
134 FROM Payment
135 INNER JOIN Lease ON Lease.leaseID = Payment.leaseID
136
       INNER JOIN Customer ON Customer.customerID = Lease.customerID
137
        WHERE Customer.phoneNumber = '555-123-4567';
138
 | Export: | | Wrap Cell Content: IA
paymentID leaseID transactionDate amount leaseID vehideID customerID startDate

▶ 2 2 2023-02-20 1000.00 2
                                                                   endDate
                                                                                  customerID firstName lastName email
                                                                             type
                 2023-02-20
                                                           2023-02-15 2023-02-28 Monthly
                                                                                                    Smith
                                                                                            Jane
                                                                                                            janesmith@example.com
```

7. Calculate the average daily rate of all available cars

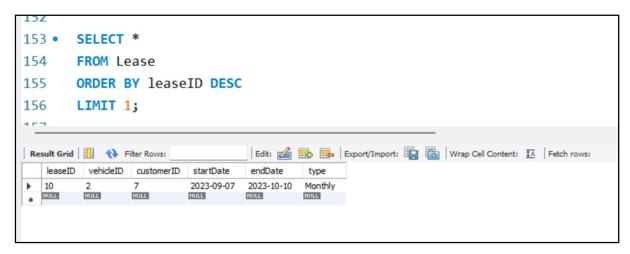


8. Find the car with the highest daily rate

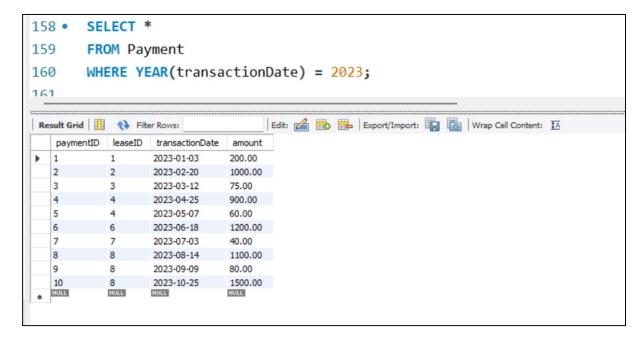


9. Retrieve all cars leased by a specific customer.

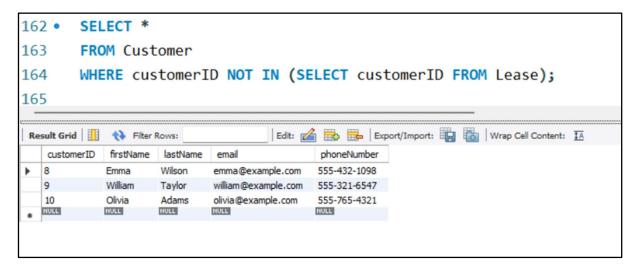
10. Find the details of the most recent lease.



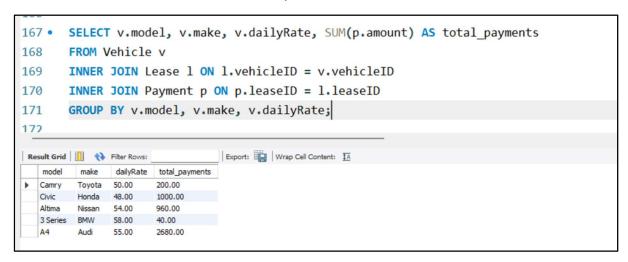
11. List all payments made in the year 2023



12. Retrieve customers who have not made any payments



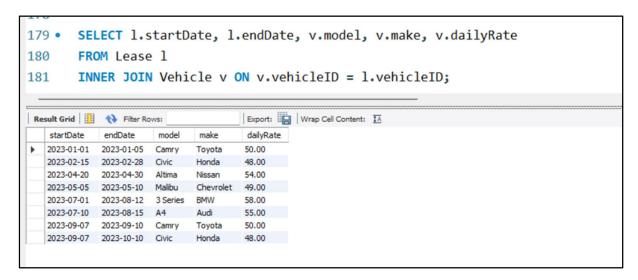
13. Retrieve Car Details and Their Total Payments



14. Calculate Total Payments for Each Customer.

```
SELECT c.firstName, c.lastName, SUM(p.amount) AS total_payments
173 ·
174
       FROM Customer c
      INNER JOIN Lease 1 ON 1.customerID = c.customerID
175
      INNER JOIN Payment p ON p.leaseID = 1.leaseID
176
177
      GROUP BY c.firstName, c.lastName;
Export: Wrap Cell Content: TA
  firstName lastName total_payments
               1160.00
         Doe
       Smith 1000.00
  Jane
  Sarah
         Brown
               40.00
  David Lee 2680.00
```

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

```
188
189 • SELECT c.firstName, c.lastName, SUM(p.amount) AS total spent
190
       FROM Customer c
191
       INNER JOIN Lease 1 ON 1.customerID = c.customerID
       INNER JOIN Payment p ON p.leaseID = l.leaseID
192
       GROUP BY c.firstName, c.lastName
193
194
       ORDER BY total spent DESC
195
       LIMIT 1;
196
                             Export: Wrap Cell Content: TA Fetch rows:
firstName lastName total_spent
David
               2680.00
```

18. List All Cars with Their Current Lease Information