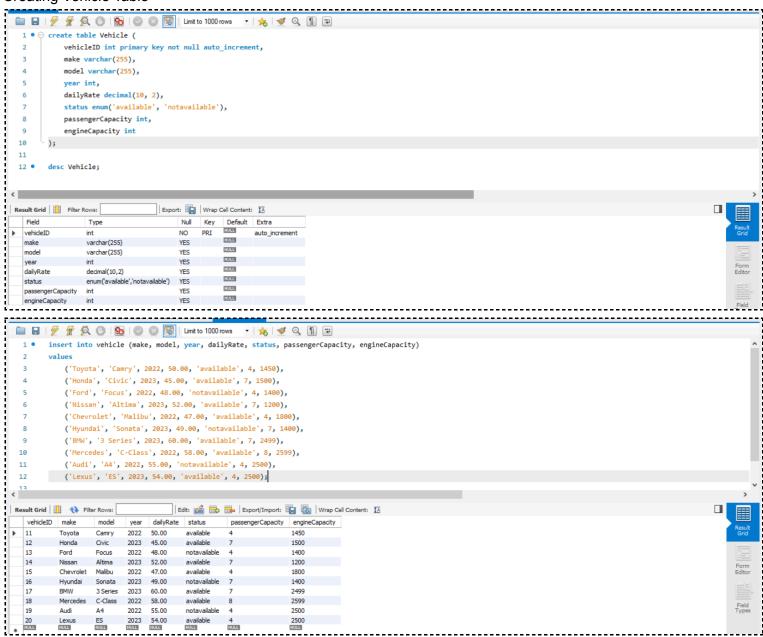
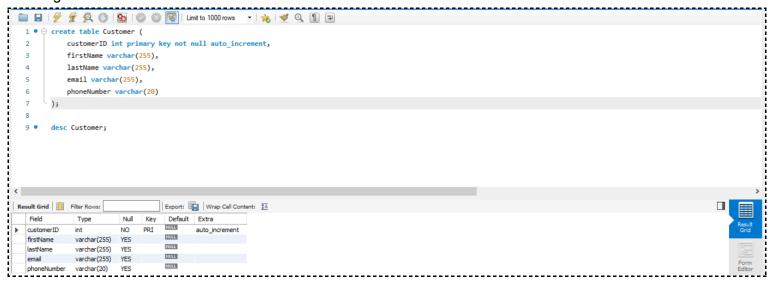
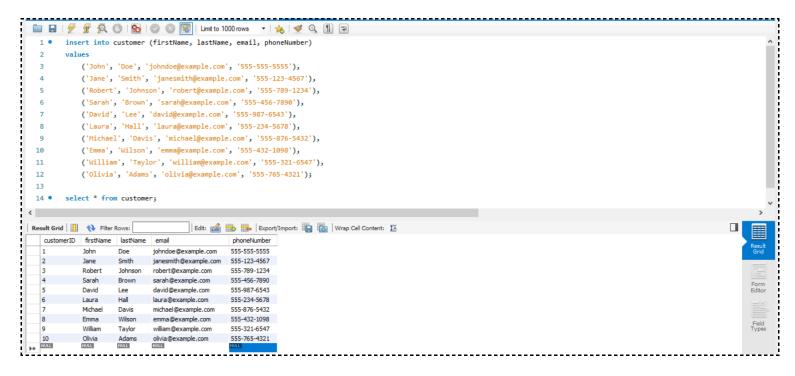
Creating DB -

Creating Vehicle Table -

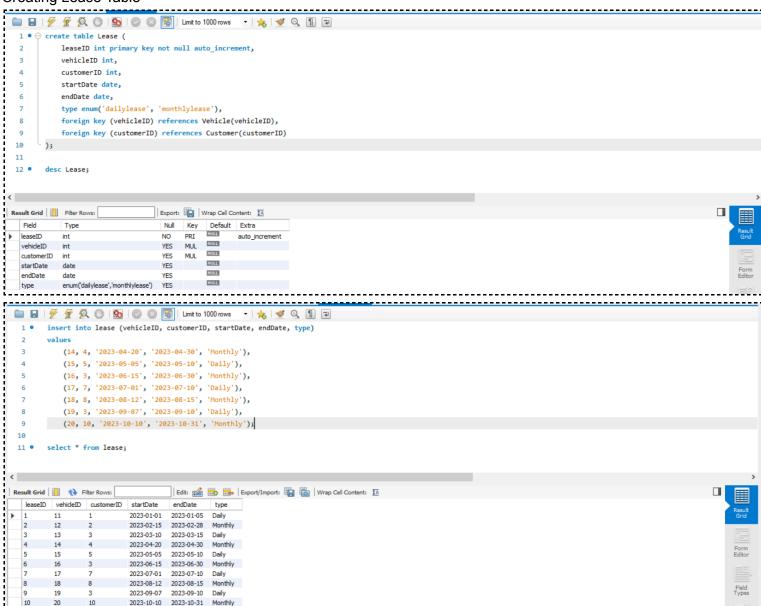


Creating Customer Table -

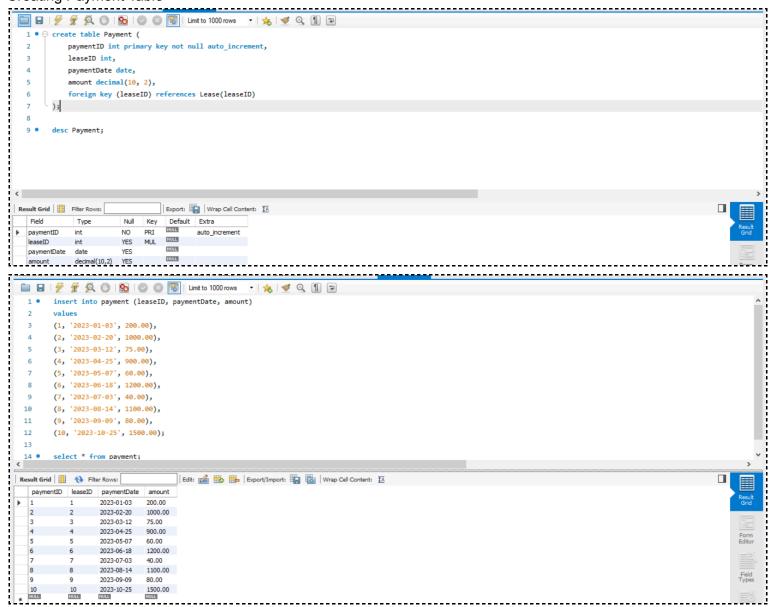




Creating Lease Table -

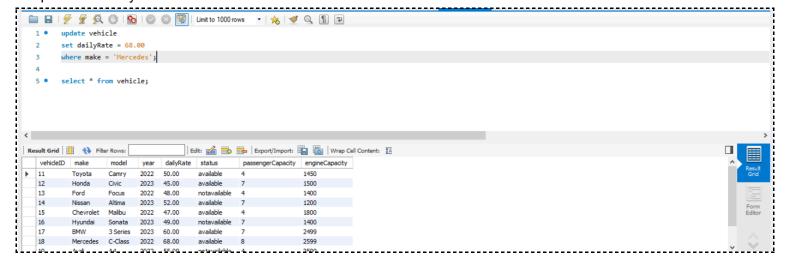


Creating Payment Table -



Tasks

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

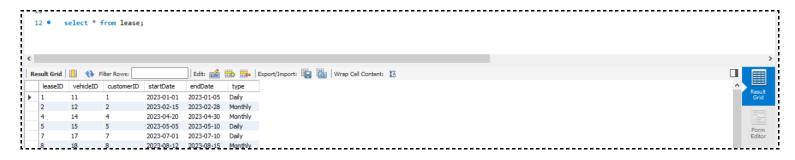


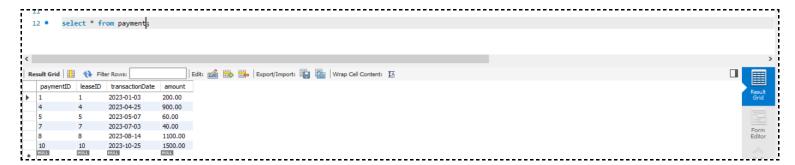
2. Delete a specific customer and all associated leases and payments. Deleted customer with ID = 3

```
CREATE PROCEDURE deleteCustomer(IN p_customerID INT)
    ⊖ BEGIN
         SET FOREIGN_KEY_CHECKS = 0;
         DELETE FROM payment
 8
         WHERE leaseID IN (SELECT leaseID FROM lease WHERE customerID = p_customerID);
10
         DELETE FROM lease WHERE customerID = p_customerID;
11
12
         DELETE FROM customer WHERE customerID = p_customerID;
13
         SET FOREIGN_KEY_CHECKS = 1;
14
      END //
15
16
      DELIMITER;
18
19 • CALL deleteCustomer(3);
```

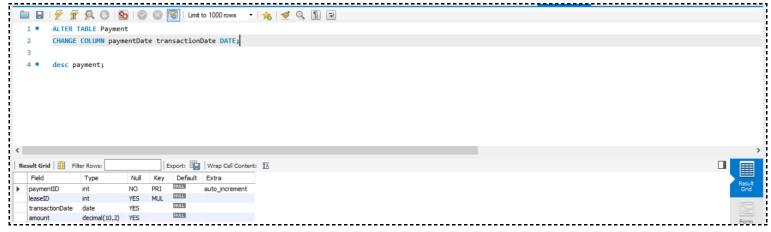
Table Data -



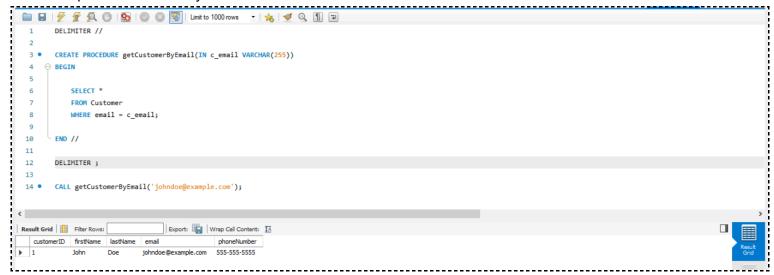




3. Rename the "paymentDate" column in the Payment table to "transactionDate".



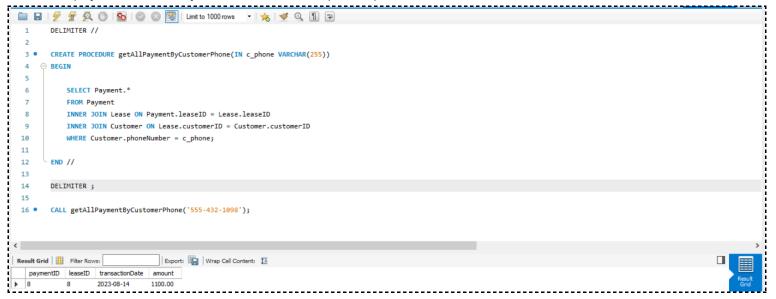
4. Find a specific customer by email.



5. Get active leases for a specific customer.

```
□ □ □ | \( \frac{\partial}{p} \) \( \frac{\partial}{p} \) \( \frac{\partial}{Q} \) \( \frac{\quad \quad \qq \qq \quad \quad \quad \quad \quad \quad \quad \quad \quad \qua
                                      DELIMITER //
       3 •
                                 CREATE PROCEDURE getActiveLeaseByCustomerID(IN c_id INT)
      4
                                                           SELECT lease.leaseID, vehicle.vehicleID, lease.customerID
                                                          FROM lease
      8
                                                           JOIN vehicle ON lease.vehicleID = vehicle.vehicleID
                                                                         lease.customerID = c_id
   11
                                                                             AND vehicle.status = 'available'
                                                                             AND CURDATE() BETWEEN lease.startDate AND lease.endDate;
  12
   13
   14
                                 END //
  16
                                     DELIMITER ;
  17
  18 • CALL getActiveLeaseByCustomerID(4);
                                                                                                                                                                       Export: Wrap Cell Content: IA
```

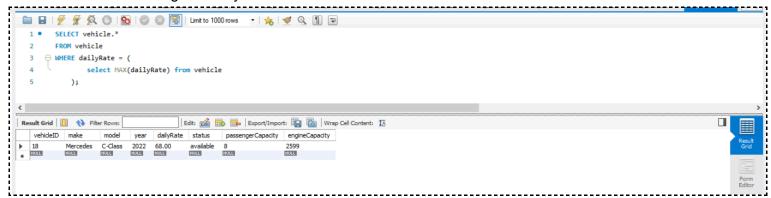
6. Find all payments made by a customer with a specific phone number.



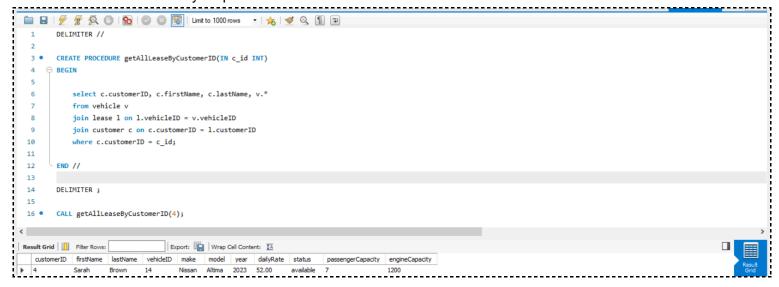
7. Calculate the average daily rate of all available cars.



8. Find the car with the highest daily rate.



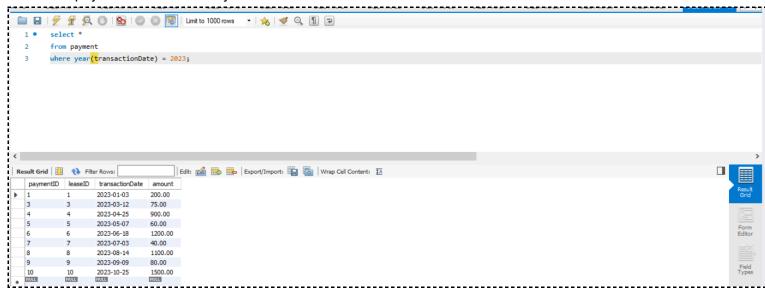
9. Retrieve all cars leased by a specific customer.



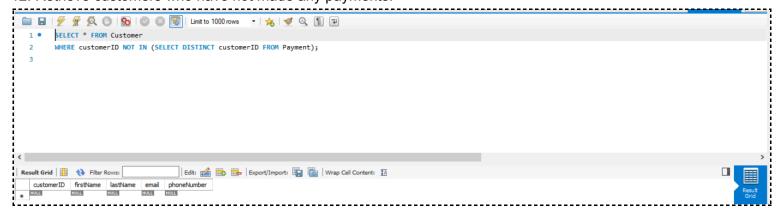
10. Find the details of the most recent lease.



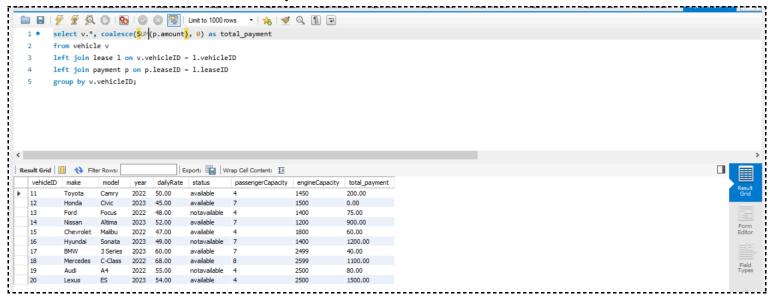
11. List all payments made in the year 2023.



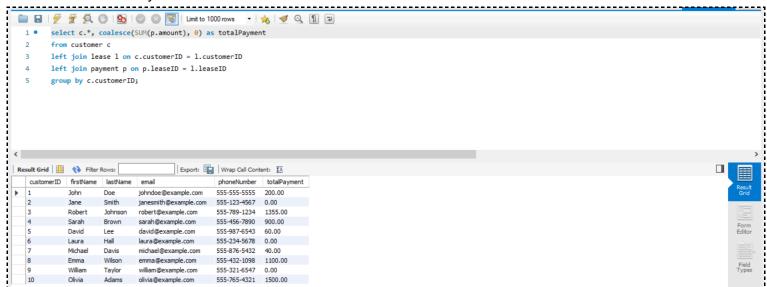
12. Retrieve customers who have not made any payments.



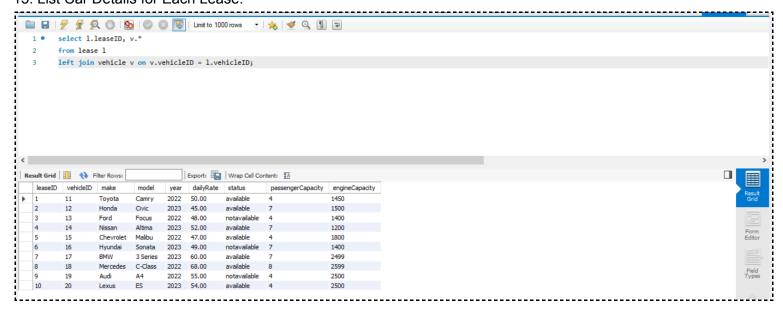
13. Retrieve Car Details and Their Total Payments.



14. Calculate Total Payments for Each Customer.



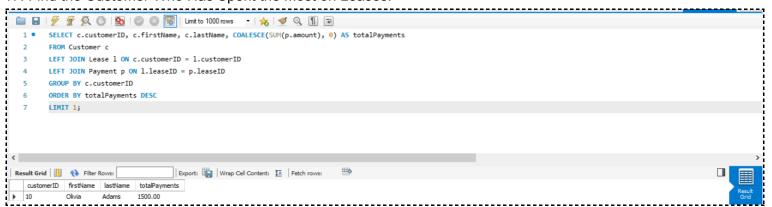
15. List Car Details for Each Lease.



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.

