

Coding Challenge - Car Rental System – SQL

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BATCH_4

Table Vehicle:

create table vehicle (vehicle_id int primary key, make varchar(50), model varchar(50), year int, daily_rate decimal(10,2), status varchar(20), passengerCapacity int, engineCapacity int);

```
mysql> create table vehicle (vehicle_id int primary key, make varchar(50), model varchar(50), year int, daily_rate decimal(10,2), status varchar(20), passengerCapacity int, engineCapacity int);
Query OK, 0 rows affected (0.11 sec)
```

```
mysql> desc vehicle;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| vehicle_id     | int           | NO   | PRI | NULL    |       |
| make           | varchar(50)   | YES  |     | NULL    |       |
| model          | varchar(50)   | YES  |     | NULL    |       |
| year           | int           | YES  |     | NULL    |       |
| daily_rate      | decimal(10,2) | YES  |     | NULL    |       |
| status         | varchar(20)   | YES  |     | NULL    |       |
| passengerCapacity | int          | YES  |     | NULL    |       |
| engineCapacity | int           | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.04 sec)
```

insert into vehicle(vehicle_id,make,model,year,daily_rate,status,passengerCapacity,engineCapacity) values (1,'toyota','camry',2022,50.00,'available',4,1450),

-> (2, 'Honda', 'Civic', 2023, 45.00, 'available', 7, 1500),

-> (3, 'Ford', 'Focus', 2022, 48.00, 'notAvailable', 4, 1400),

-> (4, 'Nissan', 'Altima', 2023, 52.00, 'available', 7, 1200),

-> (5, 'Chevrolet', 'Malibu', 2022, 47.00, 'available', 4, 1800),

-> (6, 'Hyundai', 'Sonata', 2023, 49.00, 'notAvailable', 7, 1400),

-> (7, 'BMW', '3 Series', 2023, 60.00, 'available', 7, 2499),

-> (8, 'Mercedes', 'C-Class', 2022, 58.00, 'available', 8, 2599),

-> (9, 'Audi', 'A4', 2022, 55.00, 'notAvailable', 4, 2500),

-> (10, 'Lexus', 'ES', 2023, 54.00, 'available', 4, 2500);

```
mysql> insert into vehicle(vehicle_id,make,model,year,daily_rate,status,passengerCapacity,engineCapacity)
values (1,'toyota','camry',2022,50.00,'available',4,1450),
-> (2, 'Honda', 'Civic', 2023, 45.00, 'available', 7, 1500),
-> (3, 'Ford', 'Focus', 2022, 48.00, 'notAvailable', 4, 1400),
-> (4, 'Nissan', 'Altima', 2023, 52.00, 'available', 7, 1200),
-> (5, 'Chevrolet', 'Malibu', 2022, 47.00, 'available', 4, 1800),
-> (6, 'Hyundai', 'Sonata', 2023, 49.00, 'notAvailable', 7, 1400),
-> (7, 'BMW', '3 Series', 2023, 60.00, 'available', 7, 2499),
-> (8, 'Mercedes', 'C-Class', 2022, 58.00, 'available', 8, 2599),
-> (9, 'Audi', 'A4', 2022, 55.00, 'notAvailable', 4, 2500),
-> (10, 'Lexus', 'ES', 2023, 54.00, 'available', 4, 2500);
Query OK, 10 rows affected (0.01 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
mysql> select * from vehicle;
```

vehicle_id	make	model	year	daily_rate	status	passengerCapacity	engineCapacity
1	toyota	camry	2022	50.00	available	4	1450
2	Honda	Civic	2023	45.00	available	7	1500
3	Ford	Focus	2022	48.00	notAvailable	4	1400
4	Nissan	Altima	2023	52.00	available	7	1200
5	Chevrolet	Malibu	2022	47.00	available	4	1800
6	Hyundai	Sonata	2023	49.00	notAvailable	7	1400
7	BMW	3 Series	2023	60.00	available	7	2499
8	Mercedes	C-Class	2022	58.00	available	8	2599
9	Audi	A4	2022	55.00	notAvailable	4	2500
10	Lexus	ES	2023	54.00	available	4	2500

```
10 rows in set (0.00 sec)
```

Table customer:

create table customer (customer_id int primary key, first_name varchar(50), last_name varchar(50), email varchar(100), phone_number varchar(20));

```
mysql> create table customer (customer_id int primary key, first_name varchar(50), last_name varchar(50),
email varchar(100), phone_number varchar(20) );
Query OK, 0 rows affected (0.03 sec)

mysql> desc customer;
```

Field	Type	Null	Key	Default	Extra
customer_id	int	NO	PRI	NULL	
first_name	varchar(50)	YES		NULL	
last_name	varchar(50)	YES		NULL	
email	varchar(100)	YES		NULL	
phone_number	varchar(20)	YES		NULL	

```
5 rows in set (0.00 sec)
```

insert into customer(customer_id, first_name,last_name, email,phone_number) values (1, 'John', 'Doe', 'johndoe@example.com', '555-555-5555'),

-> (2, 'Jane', 'Smith', 'janesmith@example.com', '555-123-4567'),

-> (3, 'Robert', 'Johnson', 'robert@example.com', '555-789-1234'),

-> (4, 'Sarah', 'Brown', 'sarah@example.com', '555-456-7890'),

-> (5, 'David', 'Lee', 'david@example.com', '555-987-6543'),

-> (6, 'Laura', 'Hall', 'laura@example.com', '555-234-5678'),

```

-> (7, 'Michael', 'Davis', 'michael@example.com', '555-876-5432'),
-> (8, 'Emma', 'Wilson', 'emma@example.com', '555-432-1098'),
-> (9, 'William', 'Taylor', 'william@example.com', '555-321-6547'),
-> (10, 'Olivia', 'Adams', 'olivia@example.com', '555-765-4321');

```

```

mysql> insert into customer( customer_id, first_name, last_name, email, phone_number) values (1, 'John', 'Doe', 'johndoe@example.com', '555-555-5555'),
-> (2, 'Jane', 'Smith', 'janesmith@example.com', '555-123-4567'),
-> (3, 'Robert', 'Johnson', 'robert@example.com', '555-789-1234'),
-> (4, 'Sarah', 'Brown', 'sarah@example.com', '555-456-7890'),
-> (5, 'David', 'Lee', 'david@example.com', '555-987-6543'),
-> (6, 'Laura', 'Hall', 'laura@example.com', '555-234-5678'),
-> (7, 'Michael', 'Davis', 'michael@example.com', '555-876-5432'),
-> (8, 'Emma', 'Wilson', 'emma@example.com', '555-432-1098'),
-> (9, 'William', 'Taylor', 'william@example.com', '555-321-6547'),
-> (10, 'Olivia', 'Adams', 'olivia@example.com', '555-765-4321');
Query OK, 10 rows affected (0.02 sec)
Records: 10 Duplicates: 0 Warnings: 0

```

```

mysql> select * from customer;
+-----+-----+-----+-----+-----+
| customer_id | first_name | last_name | email | phone_number |
+-----+-----+-----+-----+-----+
| 1 | John | Doe | johndoe@example.com | 555-555-5555 |
| 2 | Jane | Smith | janesmith@example.com | 555-123-4567 |
| 3 | Robert | Johnson | robert@example.com | 555-789-1234 |
| 4 | Sarah | Brown | sarah@example.com | 555-456-7890 |
| 5 | David | Lee | david@example.com | 555-987-6543 |
| 6 | Laura | Hall | laura@example.com | 555-234-5678 |
| 7 | Michael | Davis | michael@example.com | 555-876-5432 |
| 8 | Emma | Wilson | emma@example.com | 555-432-1098 |
| 9 | William | Taylor | william@example.com | 555-321-6547 |
| 10 | Olivia | Adams | olivia@example.com | 555-765-4321 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

```

Table lease:

```

create table lease( lease_id int primary key, vehicle_id int, customer_id int, start_date date, end_date
date, lease_type varchar(50), foreign key (vehicle_id) references vehicle(vehicle_id), foreign
key(customer_id) references customer(customer_id) );

```

```
mysql> create table lease( lease_id int primary key, vehicle_id int, customer_id int, start_date date, end_date date, lease_type varchar(50), foreign key (vehicle_id) references vehicle(vehicle_id), foreign key (customer_id) references customer(customer_id) );
Query OK, 0 rows affected (0.07 sec)
```

```
mysql> desc lease;
```

Field	Type	Null	Key	Default	Extra
lease_id	int	NO	PRI	NULL	
vehicle_id	int	YES	MUL	NULL	
customer_id	int	YES	MUL	NULL	
start_date	date	YES		NULL	
end_date	date	YES		NULL	
lease_type	varchar(50)	YES		NULL	

```
6 rows in set (0.00 sec)
```

```
insert into lease(lease_id, vehicle_id, customer_id, start_date, end_date, lease_type) values (1, 1, 1, '2023-01-01', '2023-01-05', 'Daily'),
```

```
-> (2, 2, 2, '2023-02-15', '2023-02-28', 'Monthly'),
```

```
-> (3, 3, 3, '2023-03-10', '2023-03-15', 'Daily'),
```

```
-> (4, 4, 4, '2023-04-20', '2023-04-30', 'Monthly'),
```

```
-> (5, 5, 5, '2023-05-05', '2023-05-10', 'Daily'),
```

```
-> (6, 4, 3, '2023-06-15', '2023-06-30', 'Monthly'),
```

```
-> (7, 7, 7, '2023-07-01', '2023-07-10', 'Daily'),
```

```
-> (8, 8, 8, '2023-08-12', '2023-08-15', 'Monthly'),
```

```
-> (9, 3, 3, '2023-09-07', '2023-09-10', 'Daily'),
```

```
-> (10, 10, 10, '2023-10-10', '2023-10-31', 'Monthly')
```

```
-> ;
```

```
mysql> insert into lease(lease_id, vehicle_id, customer_id, start_date, end_date, lease_type) values (1, 1, 1, '2023-01-01', '2023-01-05', 'Daily'),
-> (2, 2, 2, '2023-02-15', '2023-02-28', 'Monthly'),
-> (3, 3, 3, '2023-03-10', '2023-03-15', 'Daily'),
-> (4, 4, 4, '2023-04-20', '2023-04-30', 'Monthly'),
-> (5, 5, 5, '2023-05-05', '2023-05-10', 'Daily'),
-> (6, 4, 3, '2023-06-15', '2023-06-30', 'Monthly'),
-> (7, 7, 7, '2023-07-01', '2023-07-10', 'Daily'),
-> (8, 8, 8, '2023-08-12', '2023-08-15', 'Monthly'),
-> (9, 3, 3, '2023-09-07', '2023-09-10', 'Daily'),
-> (10, 10, 10, '2023-10-10', '2023-10-31', 'Monthly')
-> ;
Query OK, 10 rows affected (0.01 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
mysql> select * from lease;
```

lease_id	vehicle_id	customer_id	start_date	end_date	lease_type
1	1	1	2023-01-01	2023-01-05	Daily
2	2	2	2023-02-15	2023-02-28	Monthly
3	3	3	2023-03-10	2023-03-15	Daily
4	4	4	2023-04-20	2023-04-30	Monthly
5	5	5	2023-05-05	2023-05-10	Daily
6	4	3	2023-06-15	2023-06-30	Monthly
7	7	7	2023-07-01	2023-07-10	Daily
8	8	8	2023-08-12	2023-08-15	Monthly
9	3	3	2023-09-07	2023-09-10	Daily
10	10	10	2023-10-10	2023-10-31	Monthly

```
10 rows in set (0.00 sec)
```

Table payment:

create table payment(payment_id int primary key, lease_id int, payment_date date, amount decimal(10,2), foreign key(lease_id) references lease(lease_id));

```
mysql> create table payment( payment_id int primary key, lease_id int, payment_date date, amount decimal(10,2), foreign key(lease_id) references lease(lease_id) );
Query OK, 0 rows affected (0.04 sec)
```

```
mysql> desc payment;
```

Field	Type	Null	Key	Default	Extra
payment_id	int	NO	PRI	NULL	
lease_id	int	YES	MUL	NULL	
payment_date	date	YES		NULL	
amount	decimal(10,2)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
insert into payment(payment_id, lease_id, payment_date, amount) values (1, 1, '2023-01-03', 200.00),
-> (2, 2, '2023-02-20', 1000.00),
-> (3, 3, '2023-03-12', 75.00),
-> (4, 4, '2023-04-25', 900.00),
-> (5, 5, '2023-05-07', 60.00),
-> (6, 6, '2023-06-18', 1200.00),
-> (7, 7, '2023-07-03', 40.00),
-> (8, 8, '2023-08-14', 1100.00),
-> (9, 9, '2023-09-09', 80.00),
-> (10, 10, '2023-10-25', 1500.00);
```

```
mysql> insert into payment(payment_id, lease_id, payment_date, amount) values (1, 1, '2023-01-03', 200.00
),
-> (2, 2, '2023-02-20', 1000.00),
-> (3, 3, '2023-03-12', 75.00),
-> (4, 4, '2023-04-25', 900.00),
-> (5, 5, '2023-05-07', 60.00),
-> (6, 6, '2023-06-18', 1200.00),
-> (7, 7, '2023-07-03', 40.00),
->
-> (8, 8, '2023-08-14', 1100.00),
-> (9, 9, '2023-09-09', 80.00),
-> (10, 10, '2023-10-25', 1500.00);
Query OK, 10 rows affected (0.01 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
mysql> select * from payment;
```

payment_id	lease_id	payment_date	amount
1	1	2023-01-03	200.00
2	2	2023-02-20	1000.00
3	3	2023-03-12	75.00
4	4	2023-04-25	900.00
5	5	2023-05-07	60.00
6	6	2023-06-18	1200.00
7	7	2023-07-03	40.00
8	8	2023-08-14	1100.00
9	9	2023-09-09	80.00
10	10	2023-10-25	1500.00

10 rows in set (0.00 sec)

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

update vehicle set daily_rate = 68 where make = 'mercedes';

```
mysql> update vehicle set daily_rate = 68 where make = 'mercedes';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

8	Mercedes	C-Class	2022	68.00
---	----------	---------	------	-------

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

delete from payment where lease_id in(select lease_id from lease where customer_id = 5);

delete from lease where customer_id = 5;

delete from customer where customer_id = 5;

```
mysql> delete from payment where lease_id in(select lease_id from lease where customer_id = 5);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> delete from lease where customer_id = 5;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> delete from customer where customer_id = 5;
Query OK, 1 row affected (0.01 sec)
```

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

alter table payment rename column payment_date to transaction_date;

```
mysql> alter table payment rename column payment_date to transaction_date;
Query OK, 0 rows affected (0.05 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
mysql> select * from payment;
+-----+-----+-----+-----+
| payment_id | lease_id | transaction_date | amount |
+-----+-----+-----+-----+
```

4. Find a specific customer by email.

select * from customer where email = 'sarah@example.com';

```
mysql> select * from customer where email = 'sarah@example.com';
```

customer_id	first_name	last_name	email	phone_number
4	Sarah	Brown	sarah@example.com	555-456-7890

```
1 row in set (0.00 sec)
```

5. Get active leases for a specific customer.

select * from lease where customer_id=4 and curdate() between start_date and end_date;

```
mysql> select * from lease where customer_id=4 and curdate() between start_date and end_date;
```

lease_id	vehicle_id	customer_id	start_date	end_date	lease_type
11	6	4	2025-06-10	2025-06-20	Daily

```
1 row in set (0.00 sec)
```

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

select p.* from payment p join lease l on p.lease_id = l.lease_id join customer c on l.customer_id = c.customer_id where phone_number = '555-789-1234';

```
mysql> select p.* from payment p join lease l on p.lease_id = l.lease_id join customer c on l.customer_id = c.customer_id where phone_number = '555-789-1234';
```

payment_id	lease_id	transaction_date	amount
3	3	2023-03-12	75.00
6	6	2023-06-18	1200.00
9	9	2023-09-09	80.00

```
3 rows in set (0.00 sec)
```

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

select avg(daily_rate) from vehicle where status = 'available';

```
mysql> select avg(daily_rate) from vehicle where status = 'available';
```

avg(daily_rate)
53.714286

```
1 row in set (0.00 sec)
```


8. Find the car with the highest daily rate.

```
select * from vehicle order by daily_rate desc limit 1;
```

```
mysql> select * from vehicle order by daily_rate desc limit 1;
+-----+-----+-----+-----+-----+-----+-----+-----+
| vehicle_id | make   | model | year | daily_rate | status   | passengerCapacity | engineCapacity |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 8          | Mercedes | C-Class | 2022 | 68.00      | available | 8                 | 2599           |
+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

9. Retrieve all cars leased by a specific customer.

```
select v.* from vehicle v join lease l on v.vehicle_id = l.vehicle_id where l.customer_id = 3;
```

```
mysql> select v.* from vehicle v join lease l on v.vehicle_id = l.vehicle_id where l.customer_id = 3;
+-----+-----+-----+-----+-----+-----+-----+-----+
| vehicle_id | make   | model | year | daily_rate | status   | passengerCapacity | engineCapacity |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 3          | Ford   | Focus | 2022 | 48.00      | notAvailable | 4                 | 1400           |
| 4          | Nissan | Altima | 2023 | 52.00      | available   | 7                 | 1200           |
| 3          | Ford   | Focus | 2022 | 48.00      | notAvailable | 4                 | 1400           |
+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

10. Find the details of the most recent lease.

```
select * from lease order by start_date desc limit 1;
```

```
mysql> select * from lease order by start_date desc limit 1;
+-----+-----+-----+-----+-----+-----+-----+
| lease_id | vehicle_id | customer_id | start_date | end_date   | lease_type |
+-----+-----+-----+-----+-----+-----+-----+
| 12       | 9          | 8           | 2025-06-15 | 2025-06-25 | Monthly    |
+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

11. List all payments made in the year 2023.

```
select * from payment where transaction_date like '%2023%';
```

```
mysql> select * from payment where transaction_date like '%2023%';
```

payment_id	lease_id	transaction_date	amount
1	1	2023-01-03	200.00
2	2	2023-02-20	1000.00
3	3	2023-03-12	75.00
4	4	2023-04-25	900.00
6	6	2023-06-18	1200.00
7	7	2023-07-03	40.00
8	8	2023-08-14	1100.00
9	9	2023-09-09	80.00
10	10	2023-10-25	1500.00

```
9 rows in set (0.00 sec)
```

12. Retrieve customers who have not made any payments.

select * from customer c where c.customer_id not in(select c.customer_id from customer c, payment p, lease l where c.customer_id = l.customer_id and l.lease_id = p.lease_id);

```
mysql> select * from customer c where c.customer_id not in(select c.customer_id from customer c, payment p, lease l where c.customer_id = l.customer_id and l.lease_id = p.lease_id );
```

customer_id	first_name	last_name	email	phone_number
6	Laura	Hall	laura@example.com	555-234-5678
9	William	Taylor	william@example.com	555-321-6547

```
2 rows in set (0.00 sec)
```

13. Retrieve Car Details and Their Total Payments.

select v.vehicle_id, v.model, v.year ,sum(p.amount) as total_amount from vehicle v join lease l on v.vehicle_id = l.vehicle_id join payment p on l.lease_id = p.lease_id group by vehicle_id;

```
mysql> select v.vehicle_id, v.model, v.year ,sum(p.amount) as total_amount from vehicle v join lease l on v.vehicle_id = l.vehicle_id join payment p on l.lease_id = p.lease_id group by vehicle_id;
```

vehicle_id	model	year	total_amount
1	camry	2022	200.00
2	Civic	2023	1000.00
3	Focus	2022	155.00
4	Altima	2023	2100.00
7	3 Series	2023	40.00
8	C-Class	2022	1100.00
10	ES	2023	1500.00

```
7 rows in set (0.00 sec)
```

14. Calculate Total Payments for Each Customer.

select c.customer_id, c.first_name, c.last_name, sum(p.amount) as total_payment from customer c join lease l on c.customer_id = l.customer_id join payment p on l.lease_id = p.lease_id group by c.customer_id;

```
mysql> select c.customer_id, c.first_name, c.last_name, sum(p.amount) as total_payment from customer c join lease l on c.customer_id = l.customer_id join payment p on l.lease_id = p.lease_id group by c.customer_id;
```

customer_id	first_name	last_name	total_payment
1	John	Doe	200.00
2	Jane	Smith	1000.00
3	Robert	Johnson	1355.00
4	Sarah	Brown	900.00
7	Michael	Davis	40.00
8	Emma	Wilson	1100.00
10	Olivia	Adams	1500.00

7 rows in set (0.00 sec)

15. List Car Details for Each Lease.

select v.vehicle_id, v.make, v.model from vehicle v join lease l on v.vehicle_id = l.vehicle_id group by l.lease_id;

```
mysql> select v.vehicle_id, v.make, v.model from vehicle v join lease l on v.vehicle_id = l.vehicle_id group by l.lease_id;
```

vehicle_id	make	model
1	toyota	camry
2	Honda	Civic
3	Ford	Focus
3	Ford	Focus
4	Nissan	Altima
4	Nissan	Altima
6	Hyundai	Sonata
7	BMW	3 Series
8	Mercedes	C-Class
9	Audi	A4
10	Lexus	ES

11 rows in set (0.00 sec)

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

select l.lease_id, v.vehicle_id, v.make, c.first_name, c.last_name from vehicle v join lease l on v.vehicle_id = l.vehicle_id join customer c on c.customer_id = l.customer_id where curdate() between l.start_date and l.end_date;

```
mysql> select l.lease_id, v.vehicle_id, v.make, c.first_name, c.last_name from vehicle v join lease l on v.vehicle_id = l.vehicle_id join customer c on c.customer_id = l.customer_id where curdate() between l.start_date and l.end_date;
```

lease_id	vehicle_id	make	first_name	last_name
11	6	Hyundai	Sarah	Brown
12	9	Audi	Emma	Wilson

2 rows in set (0.00 sec)

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

```
select c.customer_id, c.first_name, c.last_name, c.email, c.phone_number, sum(p.amount) as total_spent
from customer c
join lease l on c.customer_id = l.customer_id
join payment p on l.lease_id = p.lease_id
group by c.customer_id
order by total_spent desc
limit 1;
```

```
mysql> select c.customer_id, c.first_name, c.last_name, c.email, c.phone_number, sum(p.amount) as total_spent
-> from customer c
-> join lease l on c.customer_id = l.customer_id
-> join payment p on l.lease_id = p.lease_id
-> group by c.customer_id
-> order by total_spent desc
-> limit 1;
+-----+-----+-----+-----+-----+-----+
| customer_id | first_name | last_name | email | phone_number | total_spent |
+-----+-----+-----+-----+-----+-----+
| 10 | Olivia | Adams | olivia@example.com | 555-765-4321 | 1500.00 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

18. List All Cars with Their Current Lease Information.

```
select v.vehicle_id, v.make, v.model, v.year, v.daily_rate, l.lease_id
-> from vehicle v
-> left join lease l on v.vehicle_id = l.vehicle_id
-> and curdate() between l.start_date and l.end_date;
```

```
mysql> select v.vehicle_id, v.make, v.model, v.year, v.daily_rate, l.lease_id  
-> from vehicle v  
-> left join lease l on v.vehicle_id = l.vehicle_id  
-> and curdate() between l.start_date and l.end_date;
```

vehicle_id	make	model	year	daily_rate	lease_id
1	toyota	camry	2022	50.00	NULL
2	Honda	Civic	2023	45.00	NULL
3	Ford	Focus	2022	48.00	NULL
4	Nissan	Altima	2023	52.00	NULL
5	Chevrolet	Malibu	2022	47.00	NULL
6	Hyundai	Sonata	2023	49.00	11
7	BMW	3 Series	2023	60.00	NULL
8	Mercedes	C-Class	2022	68.00	NULL
9	Audi	A4	2022	55.00	12
10	Lexus	ES	2023	54.00	NULL

10 rows in set (0.00 sec)