

```
mysql> SELECT
-> c.car_id,
-> c.registration_number,
-> c.car_status,
-> cm.car_make,
-> cm.car_model,
-> cm.car_year,
-> cm.price_per_day
-> FROM cars c
-> JOIN car_model cm ON c.car_model_id = cm.car_model_id;
```

car_id	registration_number	car_status	car_make	car_model	car_year	price_per_day
1	232-LS-1234	available	BMW	3Series	2023	75.00
7	221-O-5678	available	Audi	A4	2022	80.00
8	242-LS-1234	available	Ford	Fiesta	2024	65.00
9	252-O-2121	available	VW	Golf	2025	70.00
10	252-LS-2112	available	Hyundai	Suv	2025	85.00
11	252-O-1234	available	Kia	EV3	2025	90.00
12	232-LS-5656	available	Mercedes	C-class	2023	75.00
13	252-O-3232	available	Nissan	sport	2025	95.00
16	232-LS-3212	available	Opel	Corsa	2023	60.00
17	241-O-2332	available	Peugeot	3008	2024	75.00
18	252-O-9999	available	Skoda	Suberb	2025	80.00
19	252-LS-7878	available	Toyota	sport	2025	95.00

12 rows in set (0.00 sec)

```
mysql>
```

The first screenshot shows all the cars with model details and the join.

```
1 row in set (0.00 sec)

mysql> select * from customers;
```

customer_id	firstname	lastname	address	city	county	postcode	phone	email	driver_license
1	John	Utah	18 Billington place	Dublin	Dublin	R32w7f7	08977771577	johnmyutah@example.com	L1234567
2	Fergal	Hughes	70 The Glen, Kilnacourt Woods, Kilnacourt Woods	PORTARLINGTON	Laois	R32W6F3	0879581977	Fergal.p.hughes@gmail.com	
3	Fredrick	Kruggner	2 Elm Street	Dallas	Texas	8989898	0879891963	freddy@example.com	6666666D

3 rows in set (0.00 sec)

```
mysql> select * from car_model;
```

car_model_id	car_make	car_model	price_per_day	car_year	image_url
1	BMW	3Series	75.00	2023	bmw_3series.jpg
2	Audi	A4	80.00	2022	audi_a4.jpg
3	Ford	Fiesta	65.00	2024	Ford.jpg
4	VW	Golf	70.00	2025	golf.jpg
5	Hyundai	Suv	85.00	2025	hyundai.jpg
6	Kia	EV3	90.00	2025	kia.jpg
7	Mercedes	C-class	75.00	2023	mercedes.C.jpg
8	Nissan	sport	95.00	2025	nissan.jpg
9	Opel	Corsa	60.00	2023	opel.jpg
10	Peugeot	3008	75.00	2024	peugeot.jpg
11	Skoda	Suberb	80.00	2025	skoda.jpg
12	Toyota	sport	95.00	2025	toyota.jpg

12 rows in set (0.00 sec)

```
mysql> select * from cars;
```

car_id	car_model_id	registration_number	car_status
1	1	232-LS-1234	available
7	2	221-O-5678	available
8	3	242-LS-1234	available
9	4	252-O-2121	available
10	5	252-LS-2112	available
11	6	252-O-1234	available
12	7	232-LS-5656	available
13	8	252-O-3232	available
16	9	232-LS-3212	available
17	10	241-O-2333	available
18	11	252-O-9999	available
19	12	252-LS-7878	available

12 rows in set (0.00 sec)

```
mysql>
```

The second screenshot shows 3 tables from the schema: customers, car model and cars

The third screenshot shows the full workings of the application.

```

MySQL: 8.0 Command Line Client
mysql> use car_rental;
Database changed
mysql> SELECT
  -> r.rental_id,
  -> cust.firstname,
  -> cust.lastname,
  -> cm.car_make,
  -> cm.car_model,
  -> r.start_date,
  -> r.end_date,
  -> r.total_price
  -> FROM rentals r
  -> JOIN customers cust ON r.customer_id = cust.customer_id
  -> JOIN cars c ON r.car_id = c.car_id
  -> JOIN car_model cm ON c.car_model_id = cm.car_model_id;

rental_id | firstname | lastname | car_make | car_model | start_date | end_date | total_price
-----
13 | John | Utah | Toyota | sport | 2025-12-23 | 2025-12-25 | 199.00
12 | John | Utah | Opel | Corsa | 2025-12-22 | 2025-12-27 | 308.00
11 | John | Utah | Mercedes | c-class | 2025-12-22 | 2025-12-26 | 308.00
10 | John | Utah | BMW | 3Series | 2025-12-27 | 2026-01-01 | 375.00
9 | John | Utah | BMW | 3Series | 2025-12-25 | 2025-12-27 | NULL
8 | John | Utah | BMW | 3Series | 2025-12-23 | 2025-12-25 | 75.00
7 | John | Utah | BMW | 3Series | 2025-12-25 | 2025-12-30 | 75.00
6 | John | Utah | BMW | 3Series | 2025-12-26 | 2025-12-27 | 75.00
3 | John | Utah | BMW | 3Series | 2025-12-21 | 2025-12-28 | 75.00
2 | John | Utah | BMW | 3Series | 2025-12-20 | 2025-12-20 | 75.00
1 | John | Utah | BMW | 3Series | 2025-12-21 | 2025-12-22 | 75.00

11 rows in set (0.01 sec)

mysql>

```