

```
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 21
Server version: 8.0.44 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
mysql> CREATE DATABASE bus_ticket_system;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> USE bus_ticket_system;
Database changed
```

```
mysql> CREATE TABLE bus_tickets (
->     ticket_id INT PRIMARY KEY,
->     passenger_name VARCHAR(50),
->     from_location VARCHAR(50),
->     to_location VARCHAR(50),
->     travel_date DATE,
->     qr_code VARCHAR(200), -- contains encoded ticket info
->     fare INT
-> );
Query OK, 0 rows affected (0.07 sec)
```

```
mysql> INSERT INTO bus_tickets VALUES
-> (501, 'G CHAITANYA', 'Chennai', 'Bangalore', '2025-12-01', 'QR-CHN-BLR-501', 550),
-> (502, 'T VISHWA', 'Chennai', 'Hyderabad', '2025-12-02', 'QR-CHN-HYD-502', 600),
-> (503, 'SARAN', 'Bangalore', 'Chennai', '2025-12-03', 'QR-BLR-CHN-503', 530),
-> (504, 'GANESH', 'Chennai', 'Coimbatore', '2025-12-04', 'QR-CHN-CBE-504', 450);
Query OK, 4 rows affected (0.02 sec)
Records: 4  Duplicates: 0  Warnings: 0
```

```
mysql> SELECT * FROM bus_tickets;
```

ticket_id	passenger_name	from_location	to_location	travel_date	qr_code	fare
501	G CHAITANYA	Chennai	Bangalore	2025-12-01	QR-CHN-BLR-501	550
502	T VISHWA	Chennai	Hyderabad	2025-12-02	QR-CHN-HYD-502	600
503	SARAN	Bangalore	Chennai	2025-12-03	QR-BLR-CHN-503	530
504	GANESH	Chennai	Coimbatore	2025-12-04	QR-CHN-CBE-504	450

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

```
mysql> SELECT passenger_name, ticket_id, to_location
-> FROM bus_tickets
-> WHERE from_location = 'Chennai';
```

passenger_name	ticket_id	to_location
G CHAITANYA	501	Bangalore
T VISHWA	502	Hyderabad
GANESH	504	Coimbatore

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

```
mysql> SELECT * FROM bus_tickets
-> WHERE fare < 500;
```

ticket_id	passenger_name	from_location	to_location	travel_date	qr_code	fare
504	GANESH	Chennai	Coimbatore	2025-12-04	QR-CHN-CBE-504	450

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

```
mysql> SELECT * FROM bus_tickets
-> WHERE qr_code = 'QR-CHN-BLR-501';
```

ticket_id	passenger_name	from_location	to_location	travel_date	qr_code	fare
501	G CHAITANYA	Chennai	Bangalore	2025-12-01	QR-CHN-BLR-501	550

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

```
mysql> UPDATE bus_tickets
-> SET fare = 575
-> WHERE ticket_id = 501;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> DELETE FROM bus_tickets
-> WHERE ticket_id = 504;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM bus_tickets;
```

ticket_id	passenger_name	from_location	to_location	travel_date	qr_code	fare
501	G CHAITANYA	Chennai	Bangalore	2025-12-01	QR-CHN-BLR-501	575
502	T VISHWA	Chennai	Hyderabad	2025-12-02	QR-CHN-HYD-502	600
503	SARAN	Bangalore	Chennai	2025-12-03	QR-BLR-CHN-503	530

3 rows in set (0.00 sec)