INSERT

```
MariaDB [GRAVE_26A]> INSERT INTO customers (customer_id, first_name, last_name, email_address, number_of_complaints)
    -> VALUES (1001, 'KENJAY', 'GRAVE', '20231698@nbsc.edu.ph', 5),
    -> (1002, 'JAMESRYMER', 'OCERO', '20232029@nbsc.edu.ph', 3),
    -> (1003, 'ANTHONY', 'CANETE', '20231632@nbsc.edu.ph', 2);
Query OK, 3 rows affected (0.017 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [GRAVE_26A]> SELECT * FROM customers;
+-------------+------------+-----------+----------------------+----------------------+
| customer_id | first_name | last_name | email_address        | number_of_complaints |
+-------------+------------+-----------+----------------------+----------------------+
|        1001 | KENJAY     | GRAVE     | 20231698@nbsc.edu.ph |                    5 |
|        1002 | JAMESRYMER | OCERO     | 20232029@nbsc.edu.ph |                    3 |
|        1003 | ANTHONY    | CANETE    | 20231632@nbsc.edu.ph |                    2 |
+-------------+------------+-----------+----------------------+----------------------+
3 rows in set (0.001 sec)
```

SELECT

```
MariaDB [GRAVE_26A]> SELECT * FROM customers;
+-------------+------------+-----------+----------------------+----------------------+
| customer_id | first_name | last_name | email_address        | number_of_complaints |
+-------------+------------+-----------+----------------------+----------------------+
|        1001 | KENJAY     | GRAVE     | 20231698@nbsc.edu.ph |                    5 |
|        1002 | JAMESRYMER | OCERO     | 20232029@nbsc.edu.ph |                    3 |
|        1003 | ANTHONY    | CANETE    | 20231632@nbsc.edu.ph |                    2 |
+-------------+------------+-----------+----------------------+----------------------+
3 rows in set (0.001 sec)
```

UPDATE

```
MariaDB [GRAVE_26A]> UPDATE customers set first_name = 'KEN' where customer_id = 1001;
Query OK, 1 row affected (0.004 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [GRAVE_26A]> SELECT * FROM customers;
+-------------+------------+-----------+----------------------+----------------------+
| customer_id | first_name | last_name | email_address        | number_of_complaints |
+-------------+------------+-----------+----------------------+----------------------+
|        1001 | KEN        | GRAVE     | 20231698@nbsc.edu.ph |                    5 |
|        1002 | JAMESRYMER | OCERO     | 20232029@nbsc.edu.ph |                    3 |
|        1003 | ANTHONY    | CANETE    | 20231632@nbsc.edu.ph |                    2 |
+-------------+------------+-----------+----------------------+----------------------+
3 rows in set (0.001 sec)
```

DELETE

```
MariaDB [GRAVE_26A]> DELETE FROM customers where number_of_complaints = 2;
Query OK, 1 row affected (0.017 sec)

MariaDB [GRAVE_26A]> SELECT * FROM customers;
+-------------+------------+-----------+----------------------+----------------------+
| customer_id | first_name | last_name | email_address        | number_of_complaints |
+-------------+------------+-----------+----------------------+----------------------+
|        1001 | KEN        | GRAVE     | 20231698@nbsc.edu.ph |                    5 |
|        1002 | JAMESRYMER | OCERO     | 20232029@nbsc.edu.ph |                    3 |
+-------------+------------+-----------+----------------------+----------------------+
2 rows in set (0.001 sec)
```

CASCADE

```
MariaDB [GRAVE_26A]> alter table sales
    -> add constraint fk_sales_customer FOREIGN KEY (customer_id)
    -> REFERENCES customers(customer_id)
    -> ON DELETE CASCADE
    -> ON UPDATE CASCADE;
Query OK, 2 rows affected (0.154 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

```
MariaDB [GRAVE_26A]> DESC customers;
+---------------------+-------------+------+-----+---------+----------------+
| Field               | Type        | Null | Key | Default | Extra          |
+---------------------+-------------+------+-----+---------+----------------+
| customer_id         | int(10)     | NO   | PRI | NULL    | auto_increment |
| first_name          | varchar(50) | NO   |     | NULL    |                |
| last_name           | varchar(50) | NO   |     | NULL    |                |
| email_address       | varchar(50) | NO   |     | NULL    |                |
| number_of_complaints| int(5)      | NO   |     | NULL    |                |
+---------------------+-------------+------+-----+---------+----------------+
5 rows in set (0.052 sec)

MariaDB [GRAVE_26A]> select * from sales;
+-----------------+----------+------------------+-------------+
| purchase_number | order_id | date_of_purchase | customer_id |
+-----------------+----------+------------------+-------------+
|            2001 |      301 | 2025-05-05       |        1001 |
|            2002 |      201 | 2025-04-10       |        1002 |
+-----------------+----------+------------------+-------------+
2 rows in set (0.028 sec)

MariaDB [GRAVE_26A]> desc sales;
+------------------+---------+------+-----+---------+-------+
| Field            | Type    | Null | Key | Default | Extra |
+------------------+---------+------+-----+---------+-------+
| purchase_number  | int(10) | NO   | PRI | NULL    |       |
| order_id         | int(10) | NO   | PRI | NULL    |       |
| date_of_purchase | date    | YES  |     | NULL    |       |
| customer_id      | int(10) | YES  | MUL | NULL    |       |
+------------------+---------+------+-----+---------+-------+
4 rows in set (0.052 sec)
```