

## INSERT & SELECT

```
MariaDB [db_gabitano]> INSERT INTO customers (customer_id, first_name, last_name, email_address, number_of_complaints) VALUES
-> (101, 'OscarJay', 'Ellevera', 'EllveraOscarJay@gmail.com', 2),
-> (102, 'EzraPauleenRaye', 'Hirocan', 'ezrapauleenraye@gmail.com', 3),
-> (103, 'AlexaYsabelle', 'Gabitano', 'saxbelle@gmail.com', 5),
-> (104, 'kingJones', 'Susas', 'kionsusas@gmail.com', 7),
-> (105, 'Wonwoo', 'Jeon', 'jeonwonwoo@gmail.com', 8);
Query OK, 5 rows affected (0.004 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

```
MariaDB [db_gabitano]> select * from customers;
+-----+-----+-----+-----+-----+
| customer_id | first_name | last_name | email_address | number_of_complaints |
+-----+-----+-----+-----+-----+
| 101 | OscarJay | Ellevera | EllveraOscarJay@gmail.com | 2 |
| 102 | EzraPauleenRaye | Hirocan | ezrapauleenraye@gmail.com | 3 |
| 103 | AlexaYsabelle | Gabitano | saxbelle@gmail.com | 5 |
| 104 | kingJones | Susas | kionsusas@gmail.com | 7 |
| 105 | Wonwoo | Jeon | jeonwonwoo@gmail.com | 8 |
+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)
```

## UPDATE

```
MariaDB [db_gabitano]> update customer set first_name = 'kion' where customer_id = 104;
ERROR 1146 (42S02): Table 'db_gabitano.customer' doesn't exist
MariaDB [db_gabitano]> update customers set first_name = 'kion' where customer_id = 104;
Query OK, 1 row affected (0.004 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [db_gabitano]> select * from customers;
+-----+-----+-----+-----+-----+
| customer_id | first_name | last_name | email_address | number_of_complaints |
+-----+-----+-----+-----+-----+
| 101 | OscarJay | Ellevera | EllveraOscarJay@gmail.com | 2 |
| 102 | EzraPauleenRaye | Hirocan | ezrapauleenraye@gmail.com | 3 |
| 103 | AlexaYsabelle | Gabitano | saxbelle@gmail.com | 5 |
| 104 | kion | Susas | kionsusas@gmail.com | 7 |
| 105 | Wonwoo | Jeon | jeonwonwoo@gmail.com | 8 |
+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)
```

## DELETE

```
MariaDB [db_gabitano]> delete from customers where customer_id = 101;
Query OK, 1 row affected (0.003 sec)
```

```
MariaDB [db_gabitano]> select * from customer;
ERROR 1146 (42S02): Table 'db_gabitano.customer' doesn't exist
MariaDB [db_gabitano]> select * from customers;
+-----+-----+-----+-----+-----+
| customer_id | first_name | last_name | email_address | number_of_complaints |
+-----+-----+-----+-----+-----+
| 102 | EzraPauleenRaye | Hirocan | ezrapauleenraye@gmail.com | 3 |
| 103 | AlexaYsabelle | Gabitano | saxbelle@gmail.com | 5 |
| 104 | kion | Susas | kionsusas@gmail.com | 7 |
| 105 | Wonwoo | Jeon | jeonwonwoo@gmail.com | 8 |
+-----+-----+-----+-----+-----+
4 rows in set (0.001 sec)
```

## CASCADE

```
MariaDB [db_gabitano]> alter table sales
-> ADD CONSTRAINT fk_customer
-> FOREIGN KEY(customer_id)
-> references customers (customer_id)
-> ON DELETE CASCADE
-> ON UPDATE CASCADE;
Query OK, 0 rows affected (0.080 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [db_gabitano]> describe Customer;
ERROR 1146 (42S02): Table 'db_gabitano.customer' doesn't exist
MariaDB [db_gabitano]> describe 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 (0.025 sec)
```