

Insert and Select

```
MariaDB [db_perejan]> INSERT INTO customers (customer_id, first_name, last_name, email_address, number_of_complaints)
-> VALUES
-> (101, 'sander', 'perejan', 'sanderperejan@gmail.com', 2),
-> (102, 'Joeroz', 'vicariato', 'joeroz@gmail.com', 3);
Query OK, 2 rows affected (0.106 sec)
Records: 2 Duplicates: 0 Warnings: 0

MariaDB [db_perejan]> select * from customers;
+-----+-----+-----+-----+-----+
| customer_id | first_name | last_name | email_address | number_of_complaints |
+-----+-----+-----+-----+-----+
| 101 | sander | perejan | sanderperejan@gmail.com | 2 |
| 102 | Joeroz | vicariato | joeroz@gmail.com | 3 |
+-----+-----+-----+-----+-----+
2 rows in set (0.000 sec)

MariaDB [db_perejan]>
```

Update

```
MariaDB [db_perejan]> update customers set first_name = 'sanderford' where customer_id = 101;
Query OK, 1 row affected (0.080 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [db_perejan]> select * from customers;
+-----+-----+-----+-----+-----+
| customer_id | first_name | last_name | email_address | number_of_complaints |
+-----+-----+-----+-----+-----+
| 101 | sanderford | perejan | sanderperejan@gmail.com | 2 |
| 102 | Joeroz | vicariato | joeroz@gmail.com | 3 |
+-----+-----+-----+-----+-----+
2 rows in set (0.000 sec)

MariaDB [db_perejan]>
```

Delete

```
MariaDB [db_perejan]> delete from customers where customer_id = 102;
Query OK, 1 row affected (0.279 sec)

MariaDB [db_perejan]> select * from customers;
+-----+-----+-----+-----+-----+
| customer_id | first_name | last_name | email_address | number_of_complaints |
+-----+-----+-----+-----+-----+
| 101 | sanderford | perejan | sanderperejan@gmail.com | 2 |
+-----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [db_perejan]>
```

Cascade

```
MariaDB [db_perejan]> 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 (1.848 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [db_perejan]> 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 (0.008 sec)
```

```
MariaDB [db_perejan]> 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 (0.010 sec)
```

```
MariaDB [db_perejan]> _
```