IT26-B DML Activity: SQL Practice Task

Hiether Fhiona L. Liloan

INSERT

```
MariaDB [db_Liloan]> INSERT INTO customers (customer_id, first_name, last_name, email_address, number_of_complaints) values
    -> (101, 'Samantha', 'Gabitano', 'samantha@gmail.com', 2),
    -> (102, 'Alliah', 'Salvo', 'alliahshane@gmail.com', 3),
    -> (103, 'Joeroz', 'Vicariato', 'joeroz@gmail.com', 4);
Query OK, 3 rows affected (0.010 sec)
Records: 3  Duplicates: 0  Warnings: 0
```

SELECT

```
MariaDB [db_Liloan]> select * from customers;
+-------------+------------+-----------+-----------------------+----------------------+
| customer_id | first_name | last_name | email_address         | number_of_complaints |
+-------------+------------+-----------+-----------------------+----------------------+
|         101 | Samantha   | Gabitano  | samantha@gmail.com    |                    2 |
|         102 | Alliah     | Salvo     | alliahshane@gmail.com |                    3 |
|         103 | Joeroz     | Vicariato | joeroz@gmail.com      |                    4 |
+-------------+------------+-----------+-----------------------+----------------------+
3 rows in set (0.000 sec)
```

UPDATE

```
MariaDB [db_Liloan]> update customers set first_name = 'Sammy' where customer_id = 101;
Query OK, 1 row affected (0.010 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [db_Liloan]> select * from customers;
+-------------+------------+-----------+-----------------------+----------------------+
| customer_id | first_name | last_name | email_address         | number_of_complaints |
+-------------+------------+-----------+-----------------------+----------------------+
|         101 | Sammy      | Gabitano  | samantha@gmail.com    |                    2 |
|         102 | Alliah     | Salvo     | alliahshane@gmail.com |                    3 |
+-------------+------------+-----------+-----------------------+----------------------+
2 rows in set (0.000 sec)
```

DELETE

```
MariaDB [db_Liloan]> delete from customers where customer_id = 103;
Query OK, 1 row affected (0.010 sec)

MariaDB [db_Liloan]> select * from customers;
+-------------+------------+-----------+----------------------+----------------------+
| customer_id | first_name | last_name | email_address        | number_of_complaints |
+-------------+------------+-----------+----------------------+----------------------+
|         101 | Samantha   | Gabitano  | samantha@gmail.com   |                    2 |
|         102 | Alliah     | Salvo     | alliahshane@gmail.com |                   3 |
+-------------+------------+-----------+----------------------+----------------------+
2 rows in set (0.001 sec)
```

CASCADE

```
MariaDB [db_Liloan]> 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_Liloan]> desc customer;
ERROR 1146 (42S02): Table 'db_liloan.customer' doesn't exist
MariaDB [db_Liloan]> 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 (0.034 sec)

MariaDB [db_Liloan]> 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 (0.032 sec)

MariaDB [db_Liloan]>
```