Priyan Fadhil Supriyadu (Go)

1. Create database alta_online_shop.

```
MariaDB [(none)]> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| phpmyadmin         |
| sinlab             |
| test               |
+--------------------+
6 rows in set (0.021 sec)

MariaDB [(none)]> CREATE DATABASE alta_online_shop;
Query OK, 1 row affected (0.003 sec)

MariaDB [(none)]> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| alta_online_shop   |
| information_schema |
| mysql              |
| performance_schema |
| phpmyadmin         |
| sinlab             |
| test               |
+--------------------+
7 rows in set (0.001 sec)
```

2. Dari schema Olshop yang telah kamu kerjakan di, Implementasikanlah menjadi table pada MySQL.

   1. Create table user

```
MariaDB [alta_online_shop]> CREATE TABLE `alta_online_shop`.`user` (
    -> `id` INT NOT NULL AUTO_INCREMENT ,
    -> `nama` VARCHAR(50),
    -> `alamat` TEXT,
    -> `tanggal_lahir` DATE,
    -> `status_user` VARCHAR(10),
    -> `gender` VARCHAR(10),
    -> `created_at` DATETIME,
    -> `updated_at` DATETIME,
    -> PRIMARY KEY (`id`));
Query OK, 0 rows affected (0.019 sec)

MariaDB [alta_online_shop]> SHOW TABLES;
+----------------------------+
| Tables_in_alta_online_shop |
+----------------------------+
| user                       |
+----------------------------+
1 row in set (0.000 sec)

MariaDB [alta_online_shop]>
```

   2. Create table product, product type, operators, product description, payment_method.

```
MariaDB [alta_online_shop]> CREATE TABLE `alta_online_shop`.`product` (
    -> `id` INT NOT NULL AUTO_INCREMENT ,
    -> `product_type` VARCHAR(50),
    -> `product_description` TEXT,
    -> `operator` VARCHAR(50),
    -> `parmen_methods` VARCHAR(50),
    -> PRIMARY KEY (`id`));
Query OK, 0 rows affected (0.028 sec)

MariaDB [alta_online_shop]> SHOW TABLES;
+----------------------------+
| Tables_in_alta_online_shop |
+----------------------------+
| product                    |
| user                       |
+----------------------------+
2 rows in set (0.001 sec)

MariaDB [alta_online_shop]>
```

3. Create table transaction, transaction detail.

```
MariaDB [alta_online_shop]> CREATE TABLE `alta_online_shop`.`transaction` (
    -> `id` INT NOT NULL AUTO_INCREMENT ,
    -> `user_id` INT,
    -> `nomor` INT,
    -> `tanggal` DATETIME,
    -> `harga` INT,
    -> `detail` TEXT,
    -> PRIMARY KEY (`id`),
    -> FOREIGN KEY (user_id) REFERENCES user(id));
Query OK, 0 rows affected (0.027 sec)

MariaDB [alta_online_shop]> SOW TABLES;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual th
 server version for the right syntax to use near 'SOW TABLES' at line 1
MariaDB [alta_online_shop]> SHOW TABLES;
+--------------------------+
| Tables_in_alta_online_shop |
+--------------------------+
| product                  |
| transaction              |
| user                     |
+--------------------------+
3 rows in set (0.000 sec)

MariaDB [alta_online_shop]>
```

```
MariaDB [alta_online_shop]> CREATE TABLE `alta_online_shop`.`transaction_product` (
    -> `id` INT,
    -> `transaction_id` INT,
    -> `product_id` INT UNIQUE,
    -> PRIMARY KEY (`id`),
    -> FOREIGN KEY (transaction_id) REFERENCES transaction(id),
    -> FOREIGN KEY (product_id) REFERENCES product(id));
Query OK, 0 rows affected (0.021 sec)

MariaDB [alta_online_shop]> SHOW TABLES;
+--------------------------+
| Tables_in_alta_online_shop |
+--------------------------+
| product                  |
| transaction              |
| transaction_product      |
| user                     |
+--------------------------+
4 rows in set (0.000 sec)

MariaDB [alta_online_shop]>
```

3. Create tabel kurir dengan field id, name, created_at, updated_at.

```
MariaDB [alta_online_shop]> CREATE TABLE `alta_online_shop`.`kurir` (
    -> `id` INT NOT NULL AUTO_INCREMENT ,
    -> `nama` VARCHAR(50) ,
    -> `created_at` DATETIME,
    -> `updated_at` DATETIME,
    -> PRIMARY KEY (`id`));
Query OK, 0 rows affected (0.030 sec)

MariaDB [alta_online_shop]> SHOW TABLES;
+--------------------------+
| Tables_in_alta_online_shop |
+--------------------------+
| kurir                    |
| product                  |
| transaction              |
| transaction_product      |
| user                     |
+--------------------------+
5 rows in set (0.001 sec)

MariaDB [alta_online_shop]>
```

4. Tambahkan ongkos_dasar column di tabel kurir.
5. Rename tabel kurir menjadi shipping.
6. Hapus / Drop tabel shipping karena ternyata tidak dibutuhkan.

Nomor 4, 5, 6 =

```
MariaDB [alta_online_shop]> ALTER TABLE `kurir` ADD `ongkos_dasar` INT NOT NULL AFTER `updated_at`;
Query OK, 0 rows affected (0.018 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [alta_online_shop]> ALTER TABLE kurir RENAME shipping;
Query OK, 0 rows affected (0.011 sec)

MariaDB [alta_online_shop]> DROP TABLE `shipping`;
Query OK, 0 rows affected (0.015 sec)

MariaDB [alta_online_shop]>
```

7. Silahkan menambahkan entity baru dengan relation 1-to-1, 1-to-many, many-to-many.
   Seperti:
   1. 1-to-1: payment method description.
   2. 1-to-many: user dengan alamat.
   3. many-to-many: user dengan payment method menjadi user_payment_method_detail.