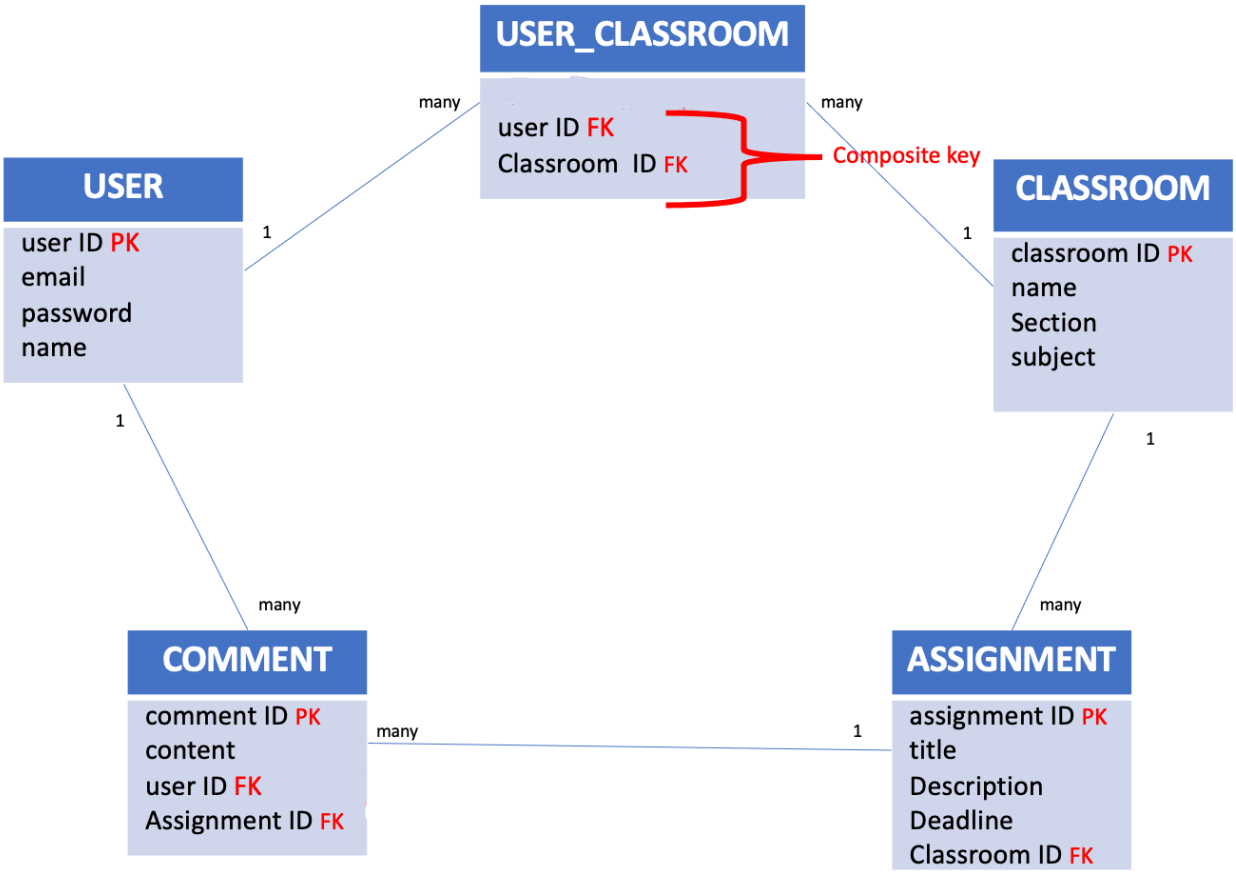
C2- S5 - PRACTICE

*NOTE: check your **THEORY slides** to answer those questions!*

EXERCISE 1 – GOOGLE CLASSROOM DATABASE



Here is the Entity Relation Diagram of the Google Classroom Database you designed in Chapter 1. You are now going to put it in MySQL!

Q1 – Write a statement to create the google classroom database, and to tell MySQL you are now working with it.

```
MariaDB [(none)]> create database google_classroom;
Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> use google_classroom;
Database changed
MariaDB [google_classroom]>
```

Q2 – For each table (USER, USER_CLASSROOM, CLASSROOM, ASSIGNMENT, COMMENT), complete the following arrays, by specifying for each attribute:

- The attribute type (SQL type) and size
- Can be null or not?
- Is a primary key or foreign keys?

- **USER TABLE**

Attribute name	Type / size	Can be Null?	Key
userID	INT	NO	PRIMARY KEY
email	VARCHAR(200)	NO	
password	VARCHAR(200)	NO	
name	VARCHAR(200)	NO	

USER_CLASSROOM TABLE

Attribute name	Type / size	Null?	Key
userID	INT	NO	FOREIGN KEY
classroomID	INT	NO	FOREIGN KEY

CLASSROOM TABLE

Attribute name	Type / size	Null?	Key
classroomID	INT	NO	PRIMARY KEY
name	VARCHAR(200)	NO	
section	VARCHAR(200)	NO	
subject	VARCHAR(200)	NO	

ASSIGNMENT TABLE

Attribute name	Type / size	Null?	Key
signmentID	INT	NO	PRIMARY KEY
title	VARCHAR(200)	NO	
Description	VARCHAR(400)	YES	
Deadline	DATE	NO	
classroomID	INT	NO	FOREIGN KEY

COMMENT TABLE

Attribute name	Type / size	Null?	Key
commentID	INT	NO	PRIMARY KEY
content	VARCHAR(400)	NO	
userID	INT	NO	FOREIGN KEY
assignmentID	INT	NO	FOREIGN KEY

Q3 – Write the SQL statement to create the 5 tables with appropriate properties.

WARNING: Create the tables in the right order to respect the Foreign Key constraints.

- Users table:

```
MariaDB [google_classroom]> CREATE TABLE users(userID INT AUTO_INCREMENT PRIMARY KEY , email VARCHAR(200) NOT NULL, password VARCHAR(
200) NOT NULL, name VARCHAR(200) NOT NULL);
Query OK, 0 rows affected (0.017 sec)

MariaDB [google_classroom]> DESC users;
+----------+--------------+------+-----+---------+----------------+
| Field    | Type         | Null | Key | Default | Extra          |
+----------+--------------+------+-----+---------+----------------+
| userID   | int(11)      | NO   | PRI | NULL    | auto_increment |
| email    | varchar(200) | NO   |     | NULL    |                |
| password | varchar(200) | NO   |     | NULL    |                |
| name     | varchar(200) | NO   |     | NULL    |                |
+----------+--------------+------+-----+---------+----------------+
4 rows in set (0.020 sec)
```

- Classrooms table:

```
MariaDB [google_classroom]> CREATE TABLE classrooms(classroomID INT AUTO_INCREMENT PRIMARY KEY , name VARCHAR(200) NOT NULL , section
 VARCHAR(200) NOT NULL , subject VARCHAR(200) NOT NULL);
Query OK, 0 rows affected (0.021 sec)

MariaDB [google_classroom]> DESC classrooms;
+-------------+--------------+------+-----+---------+----------------+
| Field       | Type         | Null | Key | Default | Extra          |
+-------------+--------------+------+-----+---------+----------------+
| classroomID | int(11)      | NO   | PRI | NULL    | auto_increment |
| name        | varchar(200) | NO   |     | NULL    |                |
| section     | varchar(200) | NO   |     | NULL    |                |
| subject     | varchar(200) | NO   |     | NULL    |                |
+-------------+--------------+------+-----+---------+----------------+
4 rows in set (0.021 sec)
```

- User_classrooms table:

```
MariaDB [google_classroom]> CREATE TABLE user_classrooms(userID INT NOT NULL, classroomID INT NOT NULL, FOREIGN KEY (userID) REFERENC
ES users(userID) ,  FOREIGN KEY (classroomID) REFERENCES classrooms(classroomID));
Query OK, 0 rows affected (0.038 sec)

MariaDB [google_classroom]> DESC user_classrooms;
+-------------+---------+------+-----+---------+-------+
| Field       | Type    | Null | Key | Default | Extra |
+-------------+---------+------+-----+---------+-------+
| userID      | int(11) | NO   | MUL | NULL    |       |
| classroomID | int(11) | NO   | MUL | NULL    |       |
+-------------+---------+------+-----+---------+-------+
2 rows in set (0.023 sec)
```

- Assignments table:

```
MariaDB [google_classroom]> CREATE TABLE assignments(assignmentID INT AUTO_INCREMENT , title VARCHAR(200) NOT NULL , Description VARC
HAR(400), Deadline DATE NOT NULL , classroomID INT NOT NULL , PRIMARY KEY( assignmentID) , FOREIGN KEY ( classroomID ) REFERENCES cla
ssrooms(classroomID));
Query OK, 0 rows affected (0.053 sec)

MariaDB [google_classroom]> DESC assigments;
ERROR 1146 (42S02): Table 'google_classroom.assigments' doesn't exist
MariaDB [google_classroom]> DESC assignments;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| assignmentID | int(11)      | NO   | PRI | NULL    | auto_increment |
| title        | varchar(200) | NO   |     | NULL    |                |
| Description  | varchar(400) | YES  |     | NULL    |                |
| Deadline     | date         | NO   |     | NULL    |                |
| classroomID  | int(11)      | NO   | MUL | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
5 rows in set (0.025 sec)
```

- Comments table:

```
MariaDB [google_classroom]> CREATE TABLE comments( commentID INT AUTO_INCREMENT , content VARCHAR(400) NOT NULL ,  userID INT NOT NUL
L , assignmentID INT NOT NULL , PRIMARY KEY ( commentID ) , FOREIGN KEY ( userID ) REFERENCES users( userID ) , FOREIGN KEY ( assignm
entID ) REFERENCES assignments( assignmentID ));
Query OK, 0 rows affected (0.038 sec)

MariaDB [google_classroom]> DESC comments;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| commentID    | int(11)      | NO   | PRI | NULL    | auto_increment |
| content      | varchar(400) | NO   |     | NULL    |                |
| userID       | int(11)      | NO   | MUL | NULL    |                |
| assignmentID | int(11)      | NO   | MUL | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
4 rows in set (0.021 sec)
```

Q4 – Write statements to insert at least 3 records in each table.

- Users table:

```
MariaDB [google_classroom]> INSERT INTO users(email , password , name ) VALUES
    -> ( 'rotha@gmail.com' , 'roth@1233' , 'ROtha SIN'),
    -> ( 'dara@gmail.com' , 'dara$1122' , ' Dara MENG'),
    -> ( 'nita@gmail.com' , 'ta@#$111' , 'Nita HENG');
Query OK, 3 rows affected (0.040 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [google_classroom]> SELECT * FROM users;
+--------+-----------------+-----------+-------------+
| userID | email           | password  | name        |
+--------+-----------------+-----------+-------------+
|      1 | rotha@gmail.com | roth@1233 | ROtha SIN   |
|      2 | dara@gmail.com  | dara$1122 |  Dara MENG  |
|      3 | nita@gmail.com  | ta@#$111  | Nita HENG   |
+--------+-----------------+-----------+-------------+
3 rows in set (0.001 sec)
```

- Classrooms table:

```
MariaDB [google_classroom]> INSERT INTO classrooms( name , section , subject ) VALUES
    -> ( 'WepA' , 'Practice1' , 'Database'),
    -> ( 'WepB' , 'Activiey1' , 'PHP' ),
    -> ( 'WepC' , 'Homework' , 'English' );
Query OK, 3 rows affected (0.006 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [google_classroom]> SELECT * FROM classrooms;
+-------------+------+-----------+----------+
| classroomID | name | section   | subject  |
+-------------+------+-----------+----------+
|           1 | WepA | Practice1 | Database |
|           2 | WepB | Activiey1 | PHP      |
|           3 | WepC | Homework  | English  |
+-------------+------+-----------+----------+
3 rows in set (0.001 sec)
```

- User_classrooms table:

```
MariaDB [google_classroom]> INSERT INTO user_classrooms( userID , classroomID ) VALUES
    -> ( 1 , 2 ),
    -> ( 2 , 3 ),
    -> ( 3 , 1 );
Query OK, 3 rows affected (0.005 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [google_classroom]> SELECT * FROM user_classrooms;
+--------+-------------+
| userID | classroomID |
+--------+-------------+
|      1 |           2 |
|      2 |           3 |
|      3 |           1 |
+--------+-------------+
3 rows in set (0.000 sec)
```

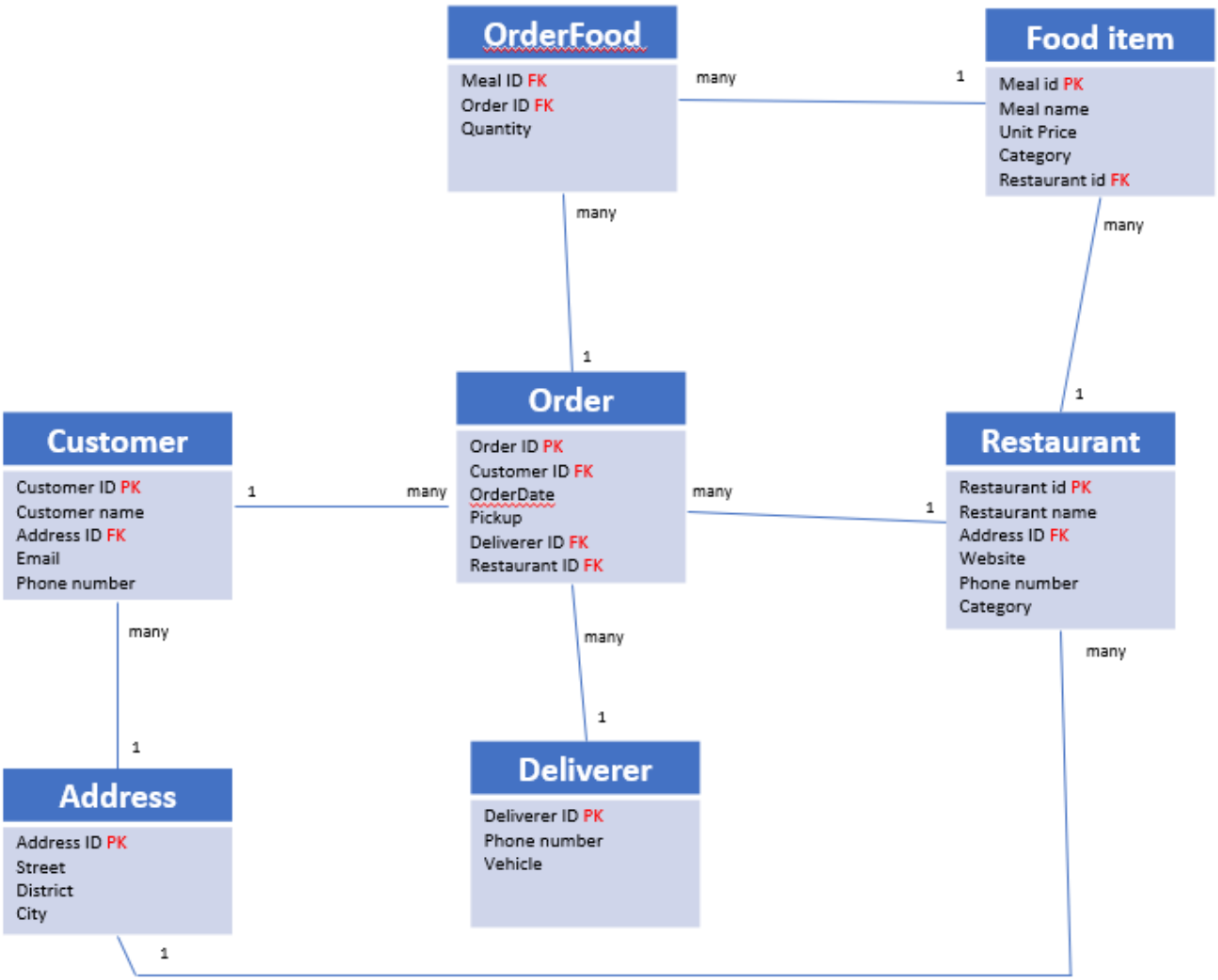
- Assignment table:

```
MariaDB [google_classroom]> INSERT INTO assignments( title , Description , deadline , classroomID ) VALUES
    -> ( ' Create form ' , ' write code php to create input form ' , '2024-1-14', 2 ),
    -> ( ' Create table ' , ' write command line in terminal to create table name book ' , '2024-1-15' , 1 ),
    -> ( ' Answer questions ' , ' Answer the question from 1 to 10 ' , ' 2024-1-17' , 3 );
Query OK, 3 rows affected (0.006 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [google_classroom]> SELECT * FROM assigments;
ERROR 1146 (42S02): Table 'google_classroom.assigments' doesn't exist
MariaDB [google_classroom]> SELECT * FROM assignments;
+--------------+------------------+-----------------------------------------------------------+------------+-------------+
| assignmentID | title            | Description                                               | Deadline   | classroomID |
+--------------+------------------+-----------------------------------------------------------+------------+-------------+
|            1 |  Create form     |  write code php to create input form                      | 2024-01-14 |           2 |
|            2 |  Create table    |  write command line in terminal to create table name book | 2024-01-15 |           1 |
|            3 |  Answer questions|  Answer the question from 1 to 10                         | 2024-01-17 |           3 |
+--------------+------------------+-----------------------------------------------------------+------------+-------------+
3 rows in set (0.001 sec)
```

- Comments table:

```
MariaDB [google_classroom]> INSERT INTO comments( content , userID , assignmentID ) VALUES ( ' It is easy ' , 3 , 3 );
Query OK, 1 row affected (0.004 sec)

MariaDB [google_classroom]> SELECT * FROM comments;
+-----------+--------------+--------+--------------+
| commentID | content      | userID | assignmentID |
+-----------+--------------+--------+--------------+
|         1 |  Hello world |      1 |            1 |
|         2 |  I love PHP  |      2 |            2 |
|         3 |  It is easy  |      3 |            3 |
+-----------+--------------+--------+--------------+
3 rows in set (0.000 sec)
```

EXERCISE 2 – FOODPANDA DATABASE



Here is the Entity Relation Diagram of the Foodpanda Database you designed in Chapter 1. You are now going to put it in MySQL!

Q1 – Write a statement to create the Foodpanda database, and to tell MySQL you are now working with it.

```
MariaDB [(none)]> create database Foodpanda;
Query OK, 1 row affected (0.004 sec)

MariaDB [(none)]> use foodpanda;
Database changed
MariaDB [foodpanda]>
```

Q2 – For each table of the database, complete the following array, by specifying for each attribute:

- The attribute type (SQL type) and size
- Can be null or not?
- Is a primary key or foreign keys?

1. Address Table

Attribute name	Type / size	Null?	Key
addressID	INT	NO	PRIMARY KEY
Street	VARCHAR(200)	NO	
District	VARCHAR(100)	NO	
city	VARCHAR(100)	NO	

2. Customers Table

Attribute name	Type / size	Null?	Key
costumerID	INT	NO	PRIMARY KEY
costumerName	VARCHAR(100)	NO	
addressID	INT	NO	FOREIGN KEY
Email	VARCHAR(100)	NO	
phoneNumber	INT	NO	

3. Deliverers Table:

Attribute name	Type / size	Null?	Key
delivererID	INT	NO	PRIMARY KEY
phoneNumber	INT	NO	
vehicle	VARCHAR(20)	YES	

4. Restaurants Table:

Attribute name	Type / size	Null?	Key
restaurantID	INT	NO	PRIMARY KEY
restaurantName	VARCHAR(100)	NO	
addressID	INT	NO	FOREIGN KEY
website	VARCHAR(200)	YES	
phoneNumber	INT	NO	
category	VARCHAR(100)	NO	

5. Food_items Table:

Attribute name	Type / size	Null?	Key
mealID	INT	NO	PRIMARY KEU
mealName	VARCHAR(100)	NO	
unitPrice	INT	NO	
Category	VARCHAR(100)	NO	
rastaurantID	INT	NO	FOREIGN KEY

6. Orders Table:

Attribute name	Type / size	Null?	Key
orderID	INT	NO	PRIMARY KEY
costumerID	INT	NO	FOREIGN KEY
orderDate	DATE	NO	
pickUp	VARCHAR(200)	NO	
delivererID	INT	NO	FOREIGN KEY
restaurantID	INT	NO	FOREIGN KEY

7. Order_food Table:

Attribute name	Type / size	Null?	Key
mealID	INT	NO	FOREIGN KEY
orderID	INT	NO	FOREIGN KEY
quantity	INT	NO	

Q3 – Write the SQL statement to create the tables with appropriate properties.

WARNING: Create the tables in the right order to respect the Foreign Key constraints.

- Address table:

```
MariaDB [foodpanda]> CREATE TABLE address ( addressID INT AUTO_INCREMENT PRIMARY KEY , street VARCHAR(200) NOT NULL , district VARCHA
R(100) NOT NULL , city VARCHAR(100) NOT NULL);
Query OK, 0 rows affected (0.014 sec)

MariaDB [foodpanda]> DESC address;
+-----------+--------------+------+-----+---------+----------------+
| Field     | Type         | Null | Key | Default | Extra          |
+-----------+--------------+------+-----+---------+----------------+
| addressID | int(11)      | NO   | PRI | NULL    | auto_increment |
| street    | varchar(200) | NO   |     | NULL    |                |
| district  | varchar(100) | NO   |     | NULL    |                |
| city      | varchar(100) | NO   |     | NULL    |                |
+-----------+--------------+------+-----+---------+----------------+
4 rows in set (0.010 sec)
```

- Costumers table:

```
MariaDB [foodpanda]> CREATE TABLE costumers( costumerID INT AUTO_INCREMENT , costumerName VARCHAR(100) NOT NULL , addressID INT NOT N
ULL , email VARCHAR(100) NOT NULL , phoneNumber INT NOT NULL , PRIMARY KEY ( costumerID ) , FOREIGN KEY ( addressID ) REFERENCES addr
ess ( addressID ));
Query OK, 0 rows affected (0.036 sec)

MariaDB [foodpanda]> DESC costumers;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| costumerID   | int(11)      | NO   | PRI | NULL    | auto_increment |
| costumerName | varchar(100) | NO   |     | NULL    |                |
| addressID    | int(11)      | NO   | MUL | NULL    |                |
| email        | varchar(100) | NO   |     | NULL    |                |
| phoneNumber  | int(11)      | NO   |     | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
5 rows in set (0.014 sec)
```

- Deliverers table:

```
MariaDB [foodpanda]> CREATE TABLE deliverers ( delivererID INT AUTO_INCREMENT , phoneNumber INT NOT NULL , vehicle VARCHAR(20));
ERROR 1075 (42000): Incorrect table definition; there can be only one auto column and it must be defined as a key
MariaDB [foodpanda]> CREATE TABLE deliverers ( delivererID INT AUTO_INCREMENT PRIMARY KEY , phoneNumber INT NOT NULL , vehicle VARCHA
R(20));
Query OK, 0 rows affected (0.017 sec)

MariaDB [foodpanda]> DESC deliverers;
+-------------+-------------+------+-----+---------+----------------+
| Field       | Type        | Null | Key | Default | Extra          |
+-------------+-------------+------+-----+---------+----------------+
| delivererID | int(11)     | NO   | PRI | NULL    | auto_increment |
| phoneNumber | int(11)     | NO   |     | NULL    |                |
| vehicle     | varchar(20) | YES  |     | NULL    |                |
+-------------+-------------+------+-----+---------+----------------+
3 rows in set (0.012 sec)
```

- Restaurants table:

```
MariaDB [foodpanda]> CREATE TABLE restaurants ( restaurantID INT AUTO_INCREMENT , restaurantName VARCHAR(100) NOT NULL , addressID IN
T , website VARCHAR(200) , phoneNumber INT NOT NULL , category VARCHAR(100) NOT NULL , PRIMARY KEY ( restaurantID ) , FOREIGN KEY ( a
ddressID ) REFERENCES address ( addressID ));
Query OK, 0 rows affected (0.034 sec)

MariaDB [foodpanda]> DESC restaurants;
+----------------+--------------+------+-----+---------+----------------+
| Field          | Type         | Null | Key | Default | Extra          |
+----------------+--------------+------+-----+---------+----------------+
| restaurantID   | int(11)      | NO   | PRI | NULL    | auto_increment |
| restaurantName | varchar(100) | NO   |     | NULL    |                |
| addressID      | int(11)      | YES  | MUL | NULL    |                |
| website        | varchar(200) | YES  |     | NULL    |                |
| phoneNumber    | int(11)      | NO   |     | NULL    |                |
| category       | varchar(100) | NO   |     | NULL    |                |
+----------------+--------------+------+-----+---------+----------------+
6 rows in set (0.014 sec)
```

- Fooditems table:

```
MariaDB [foodpanda]> CREATE TABLE fooditems ( mealID INT AUTO_INCREMENT , mealName VARCHAR(100) NOT NULL , unitPrice INT NOT NULL , c
ategory VARCHAR(100) NOT NULL , restaurantID INT , PRIMARY KEY ( mealID ) , FOREIGN KEY ( restaurantID ) REFERENCES restaurants ( res
taurantID ));
Query OK, 0 rows affected (0.033 sec)

MariaDB [foodpanda]> DESC fooditems;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| mealID       | int(11)      | NO   | PRI | NULL    | auto_increment |
| mealName     | varchar(100) | NO   |     | NULL    |                |
| unitPrice    | int(11)      | NO   |     | NULL    |                |
| category     | varchar(100) | NO   |     | NULL    |                |
| restaurantID | int(11)      | YES  | MUL | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
5 rows in set (0.012 sec)
```

- Orders table:

```
MariaDB [foodpanda]> CREATE TABLE orders ( orderID INT AUTO_INCREMENT , costumerID INT NOT NULL , orderDate DATE NOT NULL , pickup VA
RCHAR(200) NOT NULL , delivererID INT NOT NULL , restaurantID INT NOT NULL , PRIMARY KEY ( orderID ) , FOREIGN KEY ( costumerID ) REF
ERENCES costumers( costumerID ) , FOREIGN KEY ( delivererID ) REFERENCES deliverers( delivererID ) , FOREIGN KEY ( restaurantID ) REF
ERENCES restaurants( restaurantID ));
Query OK, 0 rows affected (0.037 sec)

MariaDB [foodpanda]> DESC orders;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| orderID      | int(11)      | NO   | PRI | NULL    | auto_increment |
| costumerID   | int(11)      | NO   | MUL | NULL    |                |
| orderDate    | date         | NO   |     | NULL    |                |
| pickup       | varchar(200) | NO   |     | NULL    |                |
| delivererID  | int(11)      | NO   | MUL | NULL    |                |
| restaurantID | int(11)      | NO   | MUL | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
6 rows in set (0.012 sec)
```

- Order_foods table:

```
MariaDB [foodpanda]> CREATE TABLE order_foods ( mealID INT NOT NULL , orderID INT NOT NULL , quantity INT NOT NULL , FOREIGN KEY ( me
alID ) REFERENCES fooditems ( mealID ) , FOREIGN KEY ( orderID ) REFERENCES orders ( orderID ));
Query OK, 0 rows affected (0.031 sec)

MariaDB [foodpanda]> DESC order_foods;
+----------+---------+------+-----+---------+-------+
| Field    | Type    | Null | Key | Default | Extra |
+----------+---------+------+-----+---------+-------+
| mealID   | int(11) | NO   | MUL | NULL    |       |
| orderID  | int(11) | NO   | MUL | NULL    |       |
| quantity | int(11) | NO   |     | NULL    |       |
+----------+---------+------+-----+---------+-------+
3 rows in set (0.012 sec)
```

Q4 – Write statements to insert between 2 and 4 records in each table.

- Address table:

```
MariaDB [foodpanda]> INSERT INTO address ( street , district , city ) VALUES
    -> ( '2000 ', 'Jomjao' , ' Phnom Penh ' ),
    -> ( '2004 ' , 'Obekkaom ' , 'Phnom Penh ' );
Query OK, 2 rows affected (0.005 sec)
Records: 2  Duplicates: 0  Warnings: 0

MariaDB [foodpanda]> SELECT * FROM address;
+-----------+--------+-----------+--------------+
| addressID | street | district  | city         |
+-----------+--------+-----------+--------------+
|         1 | 2000   | Jomjao    |  Phnom Penh  |
|         2 | 2004   | Obekkaom  | Phnom Penh   |
+-----------+--------+-----------+--------------+
2 rows in set (0.000 sec)
```

- Costumers table:

```
MariaDB [foodpanda]> INSERT INTO costumers ( costumerName , addressID , email , phoneNumber ) VALUES
    -> ( 'Dara RO' , 1 , 'dar@gmail.com' , '0713344576' ),
    -> ( ' Nita HENG' , 2 , ' nita@gmail.com ' , '0966667722');
Query OK, 2 rows affected (0.004 sec)
Records: 2  Duplicates: 0  Warnings: 0

MariaDB [foodpanda]> SELECT * FROM costumers;
+------------+--------------+-----------+------------------+-------------+
| costumerID | costumerName | addressID | email            | phoneNumber |
+------------+--------------+-----------+------------------+-------------+
|          1 | Dara RO      |         1 | dar@gmail.com    |   713344576 |
|          2 |  Nita HENG   |         2 |  nita@gmail.com  |   966667722 |
+------------+--------------+-----------+------------------+-------------+
2 rows in set (0.000 sec)
```

- Deliverers table:

```
MariaDB [foodpanda]> INSERT INTO deliverers ( phoneNumber , vehicle ) VALUES
    -> ('0713456222' ,  'Honda Dream 2020'),
    -> ('0717171798' , 'Scopy 2023'),
    -> ('0967892222' , 'Honda Dream 2023');
Query OK, 3 rows affected (0.005 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [foodpanda]> SELECT * FROM deliverers;
+--------------+-------------+-------------------+
| delivererID | phoneNumber | vehicle           |
+--------------+-------------+-------------------+
|           1 |   713456222 | Honda Dream 2020 |
|           2 |   717171798 | Scopy 2023       |
|           3 |   967892222 | Honda Dream 2023 |
+--------------+-------------+-------------------+
3 rows in set (0.000 sec)
```

- Restaurants table:

```
MariaDB [foodpanda]> INSERT INTO restaurants ( restaurantName , addressID , website , phoneNumber , category ) VALUES
    -> ( 'MOMO restaurant' , 2 , NULL , '0961234561' , 'Khmer restaurant'),
    -> ( 'Jikava restaurant ' , 1 , 'jikava.com' , '0968765411' , 'Japan restaurant');
Query OK, 2 rows affected (0.040 sec)
Records: 2  Duplicates: 0  Warnings: 0

MariaDB [foodpanda]> SELECT * FROM restaraunts;
ERROR 1146 (42S02): Table 'foodpanda.restaraunts' doesn't exist
MariaDB [foodpanda]> SELECT * FROM restaurants;
+--------------+-------------------+-----------+------------+-------------+-----------------+
| restaurantID | restaurantName    | addressID | website    | phoneNumber | category        |
+--------------+-------------------+-----------+------------+-------------+-----------------+
|            1 | MOMO restaurant   |         2 | NULL       |   961234561 | Khmer restaurant |
|            2 | Jikava restaurant |         1 | jikava.com |   968765411 | Japan restaurant |
+--------------+-------------------+-----------+------------+-------------+-----------------+
2 rows in set (0.000 sec)
```

- Fooditems table:

```
MariaDB [foodpanda]> INSERT INTO fooditems ( mealName , unitPrice , category , restaurantID ) VALUES
    -> ( 'Kary soup' , '2' , 'soup' , 1 ),
    -> ( 'Khmer noodle ' , '1' , 'noodle' , 1 ),
    -> ( 'Matsubuta Sushi' , '20' , 'fish' , 2 );
Query OK, 3 rows affected (0.005 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [foodpanda]> SELECT * FROM fooditems;
+--------+----------------+-----------+----------+--------------+
| mealID | mealName       | unitPrice | category | restaurantID |
+--------+----------------+-----------+----------+--------------+
|      1 | Kary soup      |         2 | soup     |            1 |
|      2 | Khmer noodle   |         1 | noodle   |            1 |
|      3 | Matsubuta Sushi |        20 | fish     |            2 |
+--------+----------------+-----------+----------+--------------+
3 rows in set (0.000 sec)
```

- Orders table:

```
MariaDB [foodpanda]> INSERT INTO orders ( costumerID , orderDate , pickup , delivererID , restaurantID ) VALUES
    -> ( 1 , '2024-1-1' , 'yes' , 1 , 1),
    -> ( 2 , '2024-1-2' , 'yes' , 2 , 2);
Query OK, 2 rows affected (0.005 sec)
Records: 2  Duplicates: 0  Warnings: 0

MariaDB [foodpanda]> SELECT * FROM orders;
+---------+------------+------------+--------+-------------+--------------+
| orderID | costumerID | orderDate  | pickup | delivererID | restaurantID |
+---------+------------+------------+--------+-------------+--------------+
|       1 |          1 | 2024-01-01 | yes    |           1 |            1 |
|       2 |          2 | 2024-01-02 | yes    |           2 |            2 |
+---------+------------+------------+--------+-------------+--------------+
2 rows in set (0.000 sec)
```

- order_foods table:

```
MariaDB [foodpanda]> INSERT INTO order_foods ( mealID , orderID , quantity ) VALUES
    -> ( 2 , 1 , '2' ),
    -> ( 3 , 2 , '1' );
Query OK, 2 rows affected (0.005 sec)
Records: 2  Duplicates: 0  Warnings: 0

MariaDB [foodpanda]> SELECT * FROM order_foods;
+--------+---------+----------+
| mealID | orderID | quantity |
+--------+---------+----------+
|      2 |       1 |        2 |
|      3 |       2 |        1 |
+--------+---------+----------+
2 rows in set (0.000 sec)
```