ENTERED COMMANDS

Prabhjot Singh (2092028)

Sai Tapaswee Sreeram (2091119)

Gurpreet Kaur (2091510)

Santosh Naga Pujitha Vadaparthy (2091693)

Enter password: ******

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 30

Server version: 10.4.10-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create restaurant;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'restaurant' at line 1

MariaDB [(none)]> create database restaurant;

Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> use restaurant

Database changed

MariaDB [restaurant]> create table menu(

   -> name varchar(100) not null,

   -> price varchar(20) not null,

   -> type varchar(20) default null,

   -> category varchar(30) not null,

   -> primary key(name)

```
    -> );
Query OK, 0 rows affected (0.032 sec)


MariaDB [restaurant]> create table inventory(
    -> stock_id varchar(5) not null,
    -> name varchar(30) not null,
    -> quantity_in_kg varchar(2) not null,
    -> description varchar(100) default null,
    -> supp_name varchar(50) not null,
    -> primary key(stock_id)
    -> );
Query OK, 0 rows affected (0.032 sec)


MariaDB [restaurant]> create table customer(
    -> customer_id int not null auto_increment,
    -> first_name varchar(15) not null,
    -> last_name varchar(15) not null,
    -> contact varchar(20) not null,
    -> email_id varchar(50) not null,
    -> primary key (customer_id)
    -> );
Query OK, 0 rows affected (0.035 sec)


MariaDB [restaurant]> create table manager(
    -> manager_id int not null auto_increment,
    -> first_name varchar(15) not null,
    -> last_name varchar(15) not null,
    -> contact varchar(20) not null,
```

-> sex char(1) default null,

-> primary key (manager_id)

->);

Query OK, 0 rows affected (0.032 sec)

MariaDB [restaurant]> create table employee (

-> name varchar(100) not null,

-> manager_id int not null ,

-> stock_id varchar(5) not null,

-> salary varchar(20) not null,

-> employee_id varchar(20) not null,

-> post varchar(30),

-> date_of_joining date not null,

-> contact_number varchar(15) not null,

-> primary key (employee_id),

-> constraint foreign key (stock_id) references inventory (stock_id),

-> constraint foreign key (manager_id) references manager (manager_id)

->);

Query OK, 0 rows affected (0.034 sec)

MariaDB [restaurant]> create table tables(

-> table_number varchar(10) not null,

-> details varchar(200) default null,

-> customer_id int not null auto_increment,

-> primary key (table_number),

-> constraint foreign key(customer_id) references customer(customer_id)

->);

Query OK, 0 rows affected (0.032 sec)

MariaDB [restaurant]> create table orders(

    -> order_number int not null auto_increment,

    -> customer_id int not null,

    -> employee_id varchar(20) not null,

    -> name varchar (100) not null,

    -> quantity double not null,

    -> amount double not null,

    -> total_amount double not null,

    -> date date not null,

    -> primary key (order_number),

    -> constraint foreign key(customer_id) references customer(customer_id),

    -> constraint foreign key(name) references menu(name),

    -> constraint foreign key(employee_id) references employee(employee_id)

    ->);

Query OK, 0 rows affected (0.049 sec)

MariaDB [restaurant]> create table delivery(

    -> delivery_id int not null,

    -> first_name varchar(20) not null,

    -> last_name varchar(20) not null,

    -> contact varchar(20) not null,

    -> address varchar(100) default null,

    -> order_number int not null auto_increment,

    -> primary key (delivery_id),

    -> constraint foreign key(order_number) references orders(order_number)

    ->);

Query OK, 0 rows affected (0.027 sec)

MariaDB [restaurant]> create table payment(

   -> order_number int not null auto_increment,

   -> payment_method varchar(25) not null,

   -> primary key (order_number),

   -> constraint payment_order foreign key(order_number) references orders(order_number)

   ->);

Query OK, 0 rows affected (0.045 sec)

MariaDB [restaurant]> desc payment;

```
+----------------+-------------+------+-----+---------+----------------+
| Field          | Type        | Null | Key | Default | Extra          |
+----------------+-------------+------+-----+---------+----------------+
| order_number   | int(11)     | NO   | PRI | NULL    | auto_increment |
| payment_method | varchar(25) | NO   |     | NULL    |                |
+----------------+-------------+------+-----+---------+----------------+
```

2 rows in set (0.035 sec)

MariaDB [restaurant]> insert into payment

   -> values

   -> ("102","Debit/Credit Card"),

   -> ("105","Debit/Credit Card"),

   -> ("106","Cash On Delivery"),

   -> ("103","Cash on Delivery");

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails
(`restaurant`.`payment`, CONSTRAINT `payment_order` FOREIGN KEY (`order_number`)
REFERENCES `orders` (`order_number`))

MariaDB [restaurant]> insert into payment

   -> values

-> ("1000","Debit/Credit Card"),

-> ("101","Cash On Delivery");

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`restaurant`.`payment`, CONSTRAINT `payment_order` FOREIGN KEY (`order_number`) REFERENCES `orders` (`order_number`))

MariaDB [restaurant]> insert into menu

-> values

-> ("Vegetable Pakora","3.00","Veg","Starters"),

-> ("Vegetable Samosa","3.00","Veg","Starters"),

-> ("Onion Bhaji ","3.00","Veg","Starters"),

-> ("Potato and Mushroom Chaat","3.00","Veg","Starters"),

-> ("Mushroom Garlic Fry","3.00","Veg","Starters"),

-> ("Tandoori Chicken","4.00","Non-Veg","Starters"),

-> ("Chicken Garlic Fry","4.00","Non-Veg","Starters"),

-> ("Chicken Tikka on Puree","4.00","Non-Veg","Starters"),

-> ("Lamb Tikka","4.00","Non-Veg","Starters"),

-> ("Tandoori King Prawn","6.95","Non-Veg","SeaFood"),

-> ("King Prawn Rosun","5.95","Non-Veg","SeaFood"),

-> ("King Prawn on Puree","5.95","Non-Veg","SeaFood"),

-> ("Prawn Bhuna on Puree","3.95","Non-Veg","SeaFood"),

-> ("Prawn Cocktail","3.95","Non-Veg","SeaFood"),

-> ("Chi/Lam Sashlik Chi","9.95","Non-Veg","Tandoori Specials"),

-> ("Tandoori Deluxe","12.95","Non-Veg","Tandoori Specials"),

-> ("Tandoori Chicken Main","9.95","Non-Veg","Tandoori Specials"),

-> ("Chicken Tikka","7.95","Non-Veg","Tandoori Specials"),

-> ("Bombay Aloo ","6.50","Veg","Vegetable Dishes"),

-> ("Mushroom Bhaji ","6.50","Veg","Vegetable Dishes"),

-> ("Saag Dall","6.50","Veg","Vegetable Dishes"),

-> ("Mattor Paneer","6.50","Veg","Vegetable Dishes"),

```
   -> ("Vegetable Roshun","6.50","Veg","Vegetable Dishes"),

   -> ("Boiled Rice","2.50","Veg","Side Orders - Rice"),

   -> ("Keema Pilau Rice","3.50","Non-Veg","Side Orders - Rice"),

   -> ("Mushroom Rice","3.20","Veg","Side Orders - Rice"),

   -> ("Garlic Naan","3.00","Veg","Side Orders - Bread"),

   -> ("Stuffed Naan","3.50","Veg","Side Orders - Bread"),

   -> ("Chapati","1.00","Veg","Side Orders - Bread"),

   -> ("Green Salad","2.00","Veg","Side Orders - Sundries"),

   -> ("Spice Popadum","0.80","Veg","Side Orders - Sundries"),

   -> ("Chutney","0.70","Veg","Side Orders - Sundries"),

   -> ("Ras Malai","2.95","Veg","Dessert"),

   -> ("Ice Cream","2.95","Veg","Dessert"),

   -> ("Gulab Jamun","2.95","Veg","Dessert"),

   -> ("Kulfi","2.95","Veg","Dessert"),

   -> ("Kheer","2.95","Veg","Dessert");
Query OK, 37 rows affected (0.026 sec)

Records: 37  Duplicates: 0  Warnings: 0


MariaDB [restaurant]> insert into inventory

   -> values

   -> ("1","Tomato","10","Fruit","Ramlal Fruits"),

   -> ("2","Lemon","3","Fruit","Ramlal Fruits"),

   -> ("3","Watermelon","5","Fruit","Ramlal Fruits"),

   -> ("4","Carrot","2","Vegetable","Shyamlal Vegetables"),

   -> ("5","Brocolli","3","Vegetable","Shyamlal Vegetables"),

   -> ("6","Cauliflower","4","Vegetable","Shyamlal Vegetables"),

   -> ("7","Onion","20","Vegetable","Shyamlal Vegetables"),

   -> ("8","Potato","20","Vegetable","Shyamlal Vegetables"),
```

```
    -> ("9","Red Pepper","15","Vegetable","Shyamlal Vegetables"),

    -> ("10","Cabbage","10","Vegetable","Shyamlal Vegetables"),

    -> ("11","Garlic","10","Vegetable","Shyamlal Vegetables"),

    -> ("12","Coriander","5","Vegetable","Shyamlal Vegetables");
```
Query OK, 12 rows affected (0.027 sec)

Records: 12 Duplicates: 0 Warnings: 0


```
MariaDB [restaurant]> insert into customer

    -> values

    -> ("1","Arpit","Sharma","5147938912","arpit.sharma@gmail.com"),

    -> ("2","Yash","Shah","4384889374","yash.shah@gmail.com"),

    -> ("3","Darshit","Serna","4382234322","darshit.serna@gmail.com"),

    -> ("4","Aditya","Sharma","5148778989","aditya.sharma@yahoo.com"),

    -> ("5","Pallav","Shah","5143364932","pallav.shah@gmail.com"),

    -> ("6","Sundar","Pichai","5142714251","sundar.pichai@gmail.com"),

    -> ("7","Sherlock","Holmes","4382734277","sherlock.holmes@gmail.com"),

    -> ("8","Jon","Snow","5145269277","jon.snow@gmail.com"),

    -> ("9","Peter","Parker","5142334277","peter.parker@gmail.com"),

    -> ("10","Jaime","Lannister","4384804277","jaime.lannister@outlook.com"),

    -> ("11","Achintya","Madhav","5140347534","achintya.madhav@gmail.com");
```
Query OK, 11 rows affected (0.025 sec)

Records: 11 Duplicates: 0 Warnings: 0


```
MariaDB [restaurant]> insert into manager

    -> values

    -> ("1","Prabhjot","Singh","4382540626","M"),

    -> ("2","Gurpreet","Kaur","4381871321","F"),

    -> ("3","Sai Tapaswee","Sreeram","4381476721","F"),
```

-> ("4","Pujitha","VSN","4381876537","F");

Query OK, 4 rows affected (0.031 sec)

Records: 4 Duplicates: 0 Warnings: 0

MariaDB [restaurant]> insert into Employee

   -> values

   -> ("Devesh","1","1","2500","1001","Waiter","2018-03-18","5142739338"),

   -> ("Salman","2","2","2500","1002","Waiter","2018-02-15","5146339338"),

   -> ("Shahrukh","3","3","2500","1003","Waiter","2018-07-26","4383745821"),

   -> ("Ajay","4","4","2500","1004","Waiter","2018-12-14","5148339338"),

   -> ("Jinal","1","5","3000","1005","Cook","2018-06-21","5142761538"),

   -> ("Sehwag","2","6","3000","1006","Cook","2018-04-30","4382739338"),

   -> ("Gambhir","3","7","3000","1007","Cook","2018-11-09","4382734556"),

   -> ("Vijay","4","8","3000","1008","Cook","2018-01-10","5148987220"),

   -> ("Shami","1","9","2000","1009","Cleaner","2018-10-05","5142019234"),

   -> ("Piyush","2","10","2000","1010","Cleaner","2018-06-18","5146391832"),

   -> ("Kuldeep","3","11","3500","1011","Cashier","2018-12-19","4387283829"),

   -> ("Chahal","4","12","3500","1012","Cashier","2018-03-29","4382938465");

Query OK, 12 rows affected (0.014 sec)

Records: 12 Duplicates: 0 Warnings: 0

MariaDB [restaurant]> insert into tables

   -> values

   -> ("1","Capacity 4 People", "10"),

   -> ("2","Capacity 4 People Near Window", "6"),

   -> ("3","Capacity 3 People", "3"),

   -> ("4","Capacity 2 People", "1"),

   -> ("5","Capacity 8 People Family Table", "7");

Query OK, 5 rows affected (0.004 sec)

Records: 5 Duplicates: 0 Warnings: 0

MariaDB [restaurant]> insert into orders

   -> values

   -> ("1000","1","1001","Vegetable Pakora","3","17","2019-04-12"),

   -> ("101","2","1002","Kulfi","2","22","2019-04-12"),

   -> ("102","3","1003","Lamb Tikka","2","16","2019-04-12"),

   -> ("103","4","1004","Chutney","2","17","2019-04-11"),

   -> ("104","5","1001","Mattor Paneer","2","21","2019-04-11"),

   -> ("105","6","1002","Bombay Aloo","4","31","2019-04-10"),

   -> ("106","7","1003","Saag Dall","1","11","2019-04-10"),

   -> ("107","8","1004","Vegetable Pakora","3","9","2019-04-10"),

   -> ("108","9","1001","Saag Dall","1","11","2019-04-10"),

   -> ("109","10","1002","Mattor Paneer","2","21","2019-04-11"),

   -> ("110","11","1003","Lamb Tikka","2","16","2019-04-12"),

   -> ("111","12","1004","Vegetable Pakora","3","17","2019-04-12"),

   -> ("1000","1","1001","Bombay Aloo","4","31","2019-04-10");

ERROR 1062 (23000): Duplicate entry '1000' for key 'PRIMARY'

MariaDB [restaurant]> insert into orders

   -> values

   -> ("1000","1","1001","Vegetable Pakora","3","17","2019-04-12"),

   -> ("101","2","1002","Kulfi","2","22","2019-04-12"),

   -> ("102","3","1003","Lamb Tikka","2","16","2019-04-12"),

   -> ("103","4","1004","Chutney","2","17","2019-04-11"),

   -> ("104","5","1001","Mattor Paneer","2","21","2019-04-11"),

   -> ("105","6","1002","Bombay Aloo","4","31","2019-04-10"),

   -> ("106","7","1003","Saag Dall","1","11","2019-04-10"),

    -> ("107","8","1004","Vegetable Pakora","3","9","2019-04-10"),

    -> ("108","9","1001","Saag Dall","1","11","2019-04-10"),

    -> ("109","10","1002","Mattor Paneer","2","21","2019-04-11"),

    -> ("110","11","1003","Lamb Tikka","2","16","2019-04-12"),

    -> ("111","12","1004","Vegetable Pakora","3","17","2019-04-12"),

    -> ("101","1","1001","Bombay Aloo","4","31","2019-04-10");

ERROR 1062 (23000): Duplicate entry '101' for key 'PRIMARY'

MariaDB [restaurant]> drop table orders;

ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constraint fails

MariaDB [restaurant]> insert into orders

    -> values

    -> ("1000","1","1001","Vegetable Pakora","3","17","2019-04-12"),

    -> ("101","2","1002","Kulfi","2","22","2019-04-12"),

    -> ("102","3","1003","Lamb Tikka","2","16","2019-04-12"),

    -> ("103","4","1004","Chutney","2","17","2019-04-11"),

    -> ("104","5","1001","Mattor Paneer","2","21","2019-04-11"),

    -> ("105","6","1002","Bombay Aloo","4","31","2019-04-10"),

    -> ("106","7","1003","Saag Dall","1","11","2019-04-10"),

    -> ("107","8","1004","Vegetable Pakora","3","9","2019-04-10"),

    -> ("108","9","1001","Saag Dall","1","11","2019-04-10"),

    -> ("109","10","1002","Mattor Paneer","2","21","2019-04-11"),

    -> ("110","11","1003","Lamb Tikka","2","16","2019-04-12"),

    -> ("111","12","1004","Vegetable Pakora","3","17","2019-04-12");

Query OK, 12 rows affected (0.016 sec)

Records: 12 Duplicates: 0 Warnings: 0

MariaDB [restaurant]> desc delivery;

+--------------+--------------+------+-----+---------+---------------+

```
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| delivery_id  | int(11)      | NO   | PRI | NULL    |                |
| first_name   | varchar(20)  | NO   |     | NULL    |                |
| last_name    | varchar(20)  | NO   |     | NULL    |                |
| contact      | varchar(20)  | NO   |     | NULL    |                |
| address      | varchar(100) | YES  |     | NULL    |                |
| order_number | int(11)      | NO   | MUL | NULL    | auto_increment |
+--------------+--------------+------+-----+---------+----------------+
6 rows in set (0.031 sec)
```

MariaDB [restaurant]> insert into delivery

   -> values

   -> ("100","Tarang","Goyal","4384133132","Near Parc Metro","105"),

   -> ("101","Saksham","Maheshwari","4388657569","Near Snowdon Metro","101"),

   -> ("102","Rajat","Agarwal","4382596509","Near Saint Michel Metro","102"),

   -> ("103","Vidit","Bhaskar","4382344244","Near Jean Talon Mtero","107");

Query OK, 4 rows affected (0.012 sec)

Records: 4 Duplicates: 0 Warnings: 0

MariaDB [restaurant]> insert into payment

   -> values

   -> ("102","Debit/Credit Card"),

   -> ("105","Debit/Credit Card"),

   -> ("106","Cash On Delivery"),

   -> ("103","Cash on Delivery");

Query OK, 4 rows affected (0.004 sec)

Records: 4 Duplicates: 0 Warnings: 0

```
MariaDB [restaurant]> DELIMITER //

MariaDB [restaurant]> create procedure type (in type_of_food varchar (255))
    -> begin
    -> select * from inventory where description = type_of_food;
    -> END //
Query OK, 0 rows affected (0.018 sec)


MariaDB [restaurant]> DELIMITER ;

MariaDB [restaurant]> call type ('Fruits');
Empty set (0.011 sec)


Query OK, 0 rows affected (0.011 sec)


MariaDB [restaurant]> call type ('Fruit');
+----------+------------+---------------+------------+--------------+
| stock_id | name       | quantity_in_kg | description | supp_name   |
+----------+------------+---------------+------------+--------------+
| 1        | Tomato     | 10            | Fruit      | Ramlal Fruits |
| 2        | Lemon      | 3             | Fruit      | Ramlal Fruits |
| 3        | Watermelon | 5             | Fruit      | Ramlal Fruits |
+----------+------------+---------------+------------+--------------+
3 rows in set (0.001 sec)


Query OK, 0 rows affected (0.026 sec)


MariaDB [restaurant]> delimiter //

MariaDB [restaurant]> create procedure type_1 ( in p_1 varchar (255), out p_2 int)
    -> begin
```

-> select count(supp_name)

    -> into p_2 from inventory where supp_name = p_1;

    -> END //

Query OK, 0 rows affected (0.008 sec)

MariaDB [restaurant]> delimiter ;

MariaDB [restaurant]> call type_1('Ramlal Fruits', @p_2);

Query OK, 1 row affected (0.001 sec)

MariaDB [restaurant]> select @p_2;

+------+

| @p_2 |

+------+

| 3 |

+------+

1 row in set (0.000 sec)

MariaDB [restaurant]> delimiter //

MariaDB [restaurant]> create procedure setcounter

    -> (

    -> inout counter int,

    -> in increment int

    ->)

    -> begin

    -> set counter = counter + increment;

    -> end //

Query OK, 0 rows affected (0.024 sec)

MariaDB [restaurant]> delimiter ;

MariaDB [restaurant]> set @counter = 1;

Query OK, 0 rows affected (0.011 sec)

MariaDB [restaurant]> call setcounter(@counter,1);

Query OK, 0 rows affected (0.000 sec)

MariaDB [restaurant]> call setcounter(@counter,1);

Query OK, 0 rows affected (0.000 sec)

MariaDB [restaurant]> call setcounter(@counter,5);

Query OK, 0 rows affected (0.000 sec)

MariaDB [restaurant]> select @counter;

```
+----------+
| @counter |
+----------+
|        8 |
+----------+
```
1 row in set (0.000 sec)

MariaDB [restaurant]> delimiter //

MariaDB [restaurant]> create procedure type_3

   -> (

   -> in id_1 int, out nametype varchar (255))

   -> begin

   -> select first_name into nametype

   -> from customer where customer_id = id_1;

-> end //

Query OK, 0 rows affected (0.017 sec)

MariaDB [restaurant]> delimiter ;

MariaDB [restaurant]> call type_3 (1, @nametype);

Query OK, 1 row affected (0.001 sec)

MariaDB [restaurant]> select @nametype as F_N;

```
+-------+
| F_N   |
+-------+
| Arpit |
+-------+
```

1 row in set (0.000 sec)

MariaDB [restaurant]> delimiter //

MariaDB [restaurant]> create procedure type_2

   -> (in category_1 varchar (255), in type_1 varchar (255))

   -> begin

   -> select * from menu

   -> where category = category_1

   -> and type = type_1;

   -> end //

Query OK, 0 rows affected (0.015 sec)

MariaDB [restaurant]> delimiter ;

MariaDB [restaurant]> call type_2 ('Starters', 'Veg');

```
+--------------------------+-------+------+----------+
```

```
| name                      | price | type | category |
+--------------------------+-------+------+----------+
| Mushroom Garlic Fry       | 3.00  | Veg  | Starters |
| Onion Bhaji               | 3.00  | Veg  | Starters |
| Potato and Mushroom Chaat | 3.00  | Veg  | Starters |
| Vegetable Pakora          | 3.00  | Veg  | Starters |
| Vegetable Samosa          | 3.00  | Veg  | Starters |
+--------------------------+-------+------+----------+
5 rows in set (0.001 sec)


Query OK, 0 rows affected (0.013 sec)
```