

1.

```
CREATE TABLE Customer (  
    Customer_ID INT NOT NULL,  
    Fname VARCHAR(255) NOT NULL,  
    Lname VARCHAR(255) NOT NULL,  
    Email VARCHAR(255),  
    Phone VARCHAR(10),  
    Address TEXT,  
    PRIMARY KEY(Customer_ID)  
);  
  
CREATE TABLE Restaurant (  
    Restaurant_ID INT NOT NULL,  
    Name VARCHAR(255) NOT NULL,  
    Cuisine VARCHAR(255),  
    Email VARCHAR(255),  
    Phone VARCHAR(10),  
    Address TEXT,  
    Rating DECIMAL(3, 2),  
    PRIMARY KEY(Restaurant_ID)  
);  
  
CREATE TABLE Driver (  
    Driver_ID INT NOT NULL,  
    Fname VARCHAR(255) NOT NULL,  
    Lname VARCHAR(255) NOT NULL,  
    License VARCHAR(8) NOT NULL,  
    Phone VARCHAR(10),  
    Number_of_orders_completed INT,  
    Rating DECIMAL(3, 2),  
    PRIMARY KEY(Driver_ID)  
);
```

```
CREATE TABLE Vehicle (  
    Vehicle_ID INT NOT NULL,  
    Vehicle_Number VARCHAR(11) NOT NULL,  
    Vehicle_Type VARCHAR(30),  
    PRIMARY KEY(Vehicle_ID)  
);  
  
CREATE TABLE Menu (  
    Menu_Item_ID INT NOT NULL,  
    Restaurant_ID INT NOT NULL,  
    Menu_Item_Name VARCHAR(255) NOT NULL,  
    Menu_Item_Description TEXT,  
    Menu_Item_Price DECIMAL(8, 2),  
    PRIMARY KEY(Menu_Item_ID),  
    FOREIGN KEY (Restaurant_ID) REFERENCES Restaurant(Restaurant_ID)  
);  
  
CREATE TABLE Item_Ordered (  
    Item_Ordered_ID INT NOT NULL,  
    Menu_Item_ID INT NOT NULL,  
    Quantity INT,  
    PRIMARY KEY(Item_Ordered_ID),  
    FOREIGN KEY (Menu_Item_ID) REFERENCES Menu(Menu_Item_ID)  
);  
  
CREATE TABLE DriverVehicle (  
    DriverVehicle_ID INT NOT NULL,  
    Driver_ID INT NOT NULL,  
    Vehicle_ID INT NOT NULL,  
    StartDate DATE,  
    EndDate DATE,  
    PRIMARY KEY(DriverVehicle_ID),  
    FOREIGN KEY (Driver_ID) REFERENCES Driver(Driver_ID),  
    FOREIGN KEY (Vehicle_ID) REFERENCES Vehicle(Vehicle_ID)  
);
```

```
CREATE TABLE Payment (  
    Payment_ID INT NOT NULL,  
    Payment_Method VARCHAR(),  
    Customer_ID INT NOT NULL,  
    PRIMARY KEY(Payment_ID),  
    FOREIGN KEY (Customer_ID) REFERENCES Customer(Customer_ID)  
);
```

```
CREATE TABLE Order_Invoice (  
    Order_ID INT NOT NULL,  
    Item_Ordered_ID INT NOT NULL,  
    Customer_ID INT NOT NULL,  
    Restaurant_ID INT NOT NULL,  
    Driver_ID INT NOT NULL,  
    Payment_ID INT NOT NULL,  
    Order_Date DATE,  
    Amount_Paid DECIMAL(10, 2),  
    PRIMARY KEY(ORDER_ID),  
    FOREIGN KEY (Item_Ordered_ID) REFERENCES Item_Ordered(Item_Ordered_ID),  
    FOREIGN KEY (Customer_ID) REFERENCES Customer(Customer_ID),  
    FOREIGN KEY (Restaurant_ID) REFERENCES Restaurant(Restaurant_ID),  
    FOREIGN KEY (Driver_ID) REFERENCES Driver(Driver_ID),  
    FOREIGN KEY (Payment_ID) REFERENCES Payment(Payment_ID)  
);
```

2.

Insert records into the Customer table

```
INSERT INTO `customer`(`Customer_ID`, `Fname`, `Lname`, `Email`, `Phone`, `Address`) VALUES  
(1,'John','Travis','john123@gmail.com','0774563217','123, 1st cross rd, Main street, Colombo');
```

```
INSERT INTO `customer`(`Customer_ID`, `Fname`, `Lname`, `Email`, `Phone`, `Address`) VALUES  
(2,'Bruce','Banner','bbruce34@gmail.com','0789654123','564, china street, maalu kade, Colombo');
```

```
INSERT INTO `customer`(`Customer_ID`, `Fname`, `Lname`, `Email`, `Phone`, `Address`) VALUES  
(3,'Tony','Stark','tstark99@hotmail.com','0725641239','007, 3rd cross lane, Alwis town, Watala, Gampaha');
```

```
INSERT INTO `customer`(`Customer_ID`, `Fname`, `Lname`, `Email`, `Phone`, `Address`) VALUES  
(4,'Steve','Rogers','rogers867@gmail.com','0754632146','466, 2th cross street, pettah, Colombo');
```

```
INSERT INTO `customer`(`Customer_ID`, `Fname`, `Lname`, `Email`, `Phone`, `Address`) VALUES  
(5,'John','Durairaj','jd234@gmail.com','0706615558','87, 3rd lane, Mahanama, Colombo');
```

The screenshot shows the phpMyAdmin interface for a database named 'ubereats'. The 'customer' table is selected, and the 'Structure' tab is active. The table contains 5 records, which are displayed in a table view. The records are as follows:

Customer_ID	Fname	Lname	Email	Phone	Address
1	John	Travis	john123@gmail.com	0774563217	123, 1st cross rd, Main street, Colombo
2	Bruce	Banner	bbruce34@gmail.com	0789654123	564, china street, maalu kade, Colombo
3	Tony	Stark	tstark99@hotmail.com	0725641239	007, 3rd cross lane, Alwis town, Watala, Gampaha
4	Steve	Rogers	rogers867@gmail.com	0754632146	466, 2th cross street, pettah, Colombo
5	John	Durairaj	jd234@gmail.com	0706615558	87, 3rd lane, Mahanama, Colombo

The interface also shows a query box with the query 'SELECT * FROM `customer`;' and a status bar indicating 'Showing rows 0 - 4 (5 total, Query took 0.0004 seconds.)'. The left sidebar shows the database structure, including the 'customer' table.

Insert records into the Driver table

```
INSERT INTO `driver`(`Driver_ID`,`Fname`,`Lname`,`License`,`Phone`,`Number_of_orders_completed`,`Rating`)
VALUES (101,'Paul','Walker','A6987452','0756412398','95','4.6');
```

```
INSERT INTO `driver`(`Driver_ID`,`Fname`,`Lname`,`License`,`Phone`,`Number_of_orders_completed`,`Rating`)
VALUES (102,'Dominic','Toretto','C6984563','0754782136','109','5.0');
```

```
INSERT INTO `driver`(`Driver_ID`,`Fname`,`Lname`,`License`,`Phone`,`Number_of_orders_completed`,`Rating`)
VALUES (103,'Jason','Bourne','B4563217','0766453217','198','4.2');
```

```
INSERT INTO `driver`(`Driver_ID`,`Fname`,`Lname`,`License`,`Phone`,`Number_of_orders_completed`,`Rating`)
VALUES (104,'Loki','Odinson','A2333145','0777756414','55','4.0');
```

```
INSERT INTO `driver`(`Driver_ID`,`Fname`,`Lname`,`License`,`Phone`,`Number_of_orders_completed`,`Rating`)
VALUES (105,'Nathan','Lyon','B7893214','0725647893','82','4.4');
```

The screenshot shows the phpMyAdmin interface for a database named 'ubereats'. The 'driver' table is selected, and the 'Structure' tab is active. The table contains 5 rows of data, which are displayed in a table view below the SQL query editor. The table has columns: Driver_ID, Fname, Lname, License, Phone, Number_of_orders_completed, and Rating. The data rows are: (101, Paul, Walker, A6987452, 0756412398, 95, 4.6), (102, Dominic, Toretto, C6984563, 0754782136, 109, 5.0), (103, Jason, Bourne, B4563217, 0766453217, 198, 4.2), (104, Loki, Odinson, A2333145, 0777756414, 55, 4.0), and (105, Nathan, Lyon, B7893214, 0725647893, 82, 4.4). The interface also shows a 'Show query box' button, a 'Show all' button, and a 'Number of rows' dropdown set to 25.

Driver_ID	Fname	Lname	License	Phone	Number_of_orders_completed	Rating
101	Paul	Walker	A6987452	0756412398	95	4.60
102	Dominic	Toretto	C6984563	0754782136	109	5.00
103	Jason	Bourne	B4563217	0766453217	198	4.20
104	Loki	Odinson	A2333145	0777756414	55	4.00
105	Nathan	Lyon	B7893214	0725647893	82	4.40

Insert records into the Vehicle table

```
INSERT INTO `vehicle`(`Vehicle_ID`,`Vehicle_Number`,`Vehicle_Type`) VALUES (0654321,'wp-BAL-5563','Motorcycle-Yamaha Ray');
```

```
INSERT INTO `vehicle`(`Vehicle_ID`,`Vehicle_Number`,`Vehicle_Type`) VALUES (0987654,'wp-AAA-4132','Motorcycle-Honda dio');
```

```
INSERT INTO `vehicle`(`Vehicle_ID`,`Vehicle_Number`,`Vehicle_Type`) VALUES (0999555,'wp-ABC-9863','Motorcycle-Hero Pleasure');
```

```
INSERT INTO `vehicle`(`Vehicle_ID`,`Vehicle_Number`,`Vehicle_Type`) VALUES (0321654,'wp-AAC-5823','Motorcycle-Yamaha FZ');
```

```
INSERT INTO `vehicle`(`Vehicle_ID`,`Vehicle_Number`,`Vehicle_Type`) VALUES (0123456,'wp-BBA-8232','Motorcycle-Bajaj CT 100');
```

The screenshot shows the phpMyAdmin interface for the 'ubereats' database. The 'vehicle' table is selected, and its structure and data are displayed. The table has three columns: Vehicle_ID, Vehicle_Number, and Vehicle_Type. There are five records in the table, each with a checkbox for selection and links for Edit, Copy, and Delete.

	Vehicle_ID	Vehicle_Number	Vehicle_Type
<input type="checkbox"/>	0123456	wp-BBA-8232	Motorcycle-Bajaj CT 100
<input type="checkbox"/>	0321654	wp-AAC-5823	Motorcycle-Yamaha FZ
<input type="checkbox"/>	0654321	wp-BAL-5563	Motorcycle-Yamaha Ray
<input type="checkbox"/>	0987654	wp-AAA-4132	Motorcycle-Honda dio
<input type="checkbox"/>	0999555	wp-ABC-9863	Motorcycle-Hero Pleasure

Query results operations: Print, Copy to clipboard, Export, Display chart, Create view

Insert records into the DriverVehicle table

```
INSERT INTO `drivervehicle`(`DriverVehicle_ID`, `Driver_ID`, `Vehicle_ID`, `StartDate`, `EndDate`) VALUES (1001,101,0654321,'2023-01-05','2023-09-05');
```

```
INSERT INTO `drivervehicle`(`DriverVehicle_ID`, `Driver_ID`, `Vehicle_ID`, `StartDate`, `EndDate`) VALUES (1002,102,0987654,'2022-01-23','2023-09-31');
```

```
INSERT INTO `drivervehicle`(`DriverVehicle_ID`, `Driver_ID`, `Vehicle_ID`, `StartDate`, `EndDate`) VALUES (1003,103,0999555,'2022-05-08','2023-05-05');
```

```
INSERT INTO `drivervehicle`(`DriverVehicle_ID`, `Driver_ID`, `Vehicle_ID`, `StartDate`, `EndDate`) VALUES (1004,104,0321654,'2021-12-12','2023-06-11');
```

```
INSERT INTO `drivervehicle`(`DriverVehicle_ID`, `Driver_ID`, `Vehicle_ID`, `StartDate`, `EndDate`) VALUES (1005,105,0123456,'2022-07-16','2023-08-31');
```

The screenshot displays the phpMyAdmin interface for the 'ubereats' database. The left sidebar shows the database structure, with 'ubereats' expanded to show tables like 'customer', 'driver', 'drivervehicle', 'item_ordered', 'menu', and 'order_invoice'. The main panel shows the 'drivervehicle' table with 5 records. The table has columns: DriverVehicle_ID, Driver_ID, Vehicle_ID, StartDate, and EndDate. The records are as follows:

	DriverVehicle_ID	Driver_ID	Vehicle_ID	StartDate	EndDate
<input type="checkbox"/> Edit Copy Delete	1001	101	0654321	2023-01-05	2023-09-05
<input type="checkbox"/> Edit Copy Delete	1002	102	0987654	2022-01-23	0000-00-00
<input type="checkbox"/> Edit Copy Delete	1003	103	0999555	2022-05-08	2023-05-05
<input type="checkbox"/> Edit Copy Delete	1004	104	0321654	2021-12-12	2023-06-11
<input type="checkbox"/> Edit Copy Delete	1005	105	0123456	2022-07-16	2023-08-31

Below the table, there are options to 'Check all', 'With selected: Edit Copy Delete Export'. At the bottom, there are 'Query results operations' including 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'.

Insert records into the Restaurant table

```
INSERT INTO `restaurant`(`Restaurant_ID`, `Name`, `Cuisine`, `Email`, `Phone`, `Address`, `Rating`) VALUES (000110,'Pizza Hut','Italian','pizzahut.lk','0112365478','7 Station Rd, Colombo 00400','4.4');
```

```
INSERT INTO `restaurant`(`Restaurant_ID`, `Name`, `Cuisine`, `Email`, `Phone`, `Address`, `Rating`) VALUES (000120,'Banana Leaf','Indian','Bleaf12@gmail.com','0112465212','720 Galle Rd, Colombo 00300','4.0');
```

```
INSERT INTO `restaurant`(`Restaurant_ID`, `Name`, `Cuisine`, `Email`, `Phone`, `Address`, `Rating`) VALUES (000130,'Shiwu Chinese Restaurant','Chinese','shiwu@hotmail.com','0766154321','590 Colombo - Galle Main Rd, Colombo 00300','4.4');
```

```
INSERT INTO `restaurant`(`Restaurant_ID`, `Name`, `Cuisine`, `Email`, `Phone`, `Address`, `Rating`) VALUES (000140,'Elite Indian Restaurant','Indian','eliteres123@gmail.com','0112525265','124 Baudhdhaloka Mawatha, Colombo 00400','3.9');
```

```
INSERT INTO `restaurant`(`Restaurant_ID`, `Name`, `Cuisine`, `Email`, `Phone`, `Address`, `Rating`) VALUES (000150,'Nara Thai','Thai','narathai44@hotmail.com','0112647833','31 Deal Pl, Colombo 00300','4.2');
```

The screenshot shows the phpMyAdmin interface for a database named 'ubereats'. The 'restaurant' table is selected, and its data is displayed in a table format. The table has 8 columns: Restaurant_ID, Name, Cuisine, Email, Phone, Address, and Rating. There are 5 rows of data, each with a checkbox for selection and icons for Edit, Copy, and Delete. The table is sorted by Restaurant_ID in ascending order.

	Restaurant_ID	Name	Cuisine	Email	Phone	Address	Rating
<input type="checkbox"/>	110	Pizza Hut	Italian	pizzahut.lk	0112365478	7 Station Rd, Colombo 00400	4.40
<input type="checkbox"/>	120	Banana Leaf	Indian	Bleaf12@gmail.com	0112465212	720 Galle Rd, Colombo 00300	4.20
<input type="checkbox"/>	130	Shiwu Chinese Restaurant	Chinese	shiwu@hotmail.com	0766154321	590 Colombo - Galle Main Rd, Colombo 00300	4.40
<input type="checkbox"/>	140	Elite Indian Restaurant	Indian	eliteres123@gmail.com	0112525265	124 Baudhdhaloka Mawatha, Colombo 00400	3.90
<input type="checkbox"/>	150	Nara Thai	Thai	narathai44@hotmail.com	0112647833	31 Deal Pl, Colombo 00300	4.20

Insert records into the Menu table

```
INSERT INTO `menu`(`Menu_Item_ID`, `Restaurant_ID`, `Menu_Item_Name`, `Menu_Item_Description`,  
`Menu_Item_Price`) VALUES (0011111,000110,'Tandoori Chicken pizza','Tandoori chicken & onions with double layer of  
cheese','930');
```

```
INSERT INTO `menu`(`Menu_Item_ID`, `Restaurant_ID`, `Menu_Item_Name`, `Menu_Item_Description`,  
`Menu_Item_Price`) VALUES (0011112,000120,'Chicken Biryani','Served with the best chicken masala along with green  
peas & cashew curry, maldives fish sambol, fried egg, salad and gravy on a banana leaf','1500');
```

```
INSERT INTO `menu`(`Menu_Item_ID`, `Restaurant_ID`, `Menu_Item_Name`, `Menu_Item_Description`,  
`Menu_Item_Price`) VALUES (0011113,000130,'Kung Pao Chicken','Spicy, stir_fried chinese dish made with cubes of  
chicken, peanuts, vegetables, and chilli peppers','1700');
```

```
INSERT INTO `menu`(`Menu_Item_ID`, `Restaurant_ID`, `Menu_Item_Name`, `Menu_Item_Description`,  
`Menu_Item_Price`) VALUES (0011114,000140,'Pulao','Steamed rice mixed with veggies with the aroma of ghee','900');
```

```
INSERT INTO `menu`(`Menu_Item_ID`, `Restaurant_ID`, `Menu_Item_Name`, `Menu_Item_Description`,  
`Menu_Item_Price`) VALUES (0011115,000150,'Mango Sticky Rice','Sticky rice cooked with coconut milk served with  
fresh sliced mangoes on top','900');
```

The screenshot shows the phpMyAdmin interface for a database named 'ubereats'. The 'menu' table is selected, and its structure is displayed. The table has five columns: Menu_Item_ID, Restaurant_ID, Menu_Item_Name, Menu_Item_Description, and Menu_Item_Price (LKR). There are five records in the table, each with a checkbox for selection and links for Edit, Copy, and Delete.

	Menu_Item_ID	Restaurant_ID	Menu_Item_Name	Menu_Item_Description	Menu_Item_Price LKR
<input type="checkbox"/>	11112	120	Chicken Biryani	Served with the best chicken masala along with gre...	1500.00
<input type="checkbox"/>	11111	110	Tandoori Chicken pizza	Tandoori chicken & onions with double layer of che...	930.00
<input type="checkbox"/>	11113	130	Kung Pao Chicken	Spicy, stir_fried chinese dish made with cubes of ...	1700.00
<input type="checkbox"/>	11114	140	Pulao	Steamed rice mixed with veggies with the aroma of ...	900.00
<input type="checkbox"/>	11115	150	Mango Sticky Rice	Sticky rice cooked with coconut milk served with f...	900.00

Insert records into the ItemOrdered table

INSERT INTO `item_ordered`(`Item_Ordered_ID`, `Menu_Item_ID`, `Quantity`) VALUES (100000001,11111,1);

INSERT INTO `item_ordered`(`Item_Ordered_ID`, `Menu_Item_ID`, `Quantity`) VALUES (100000002,11112,2);

INSERT INTO `item_ordered`(`Item_Ordered_ID`, `Menu_Item_ID`, `Quantity`) VALUES (100000003,11113,2);

INSERT INTO `item_ordered`(`Item_Ordered_ID`, `Menu_Item_ID`, `Quantity`) VALUES (100000004,11114,1);

INSERT INTO `item_ordered`(`Item_Ordered_ID`, `Menu_Item_ID`, `Quantity`) VALUES (100000005,11115,1);

The screenshot shows the phpMyAdmin interface. On the left is the database navigation tree with 'ubereats' selected and 'item_ordered' highlighted. The main panel shows the 'item_ordered' table structure and data. A green status bar indicates 'Showing rows 0 - 4 (5 total, Query took 0.0004 seconds.)'. Below it, the SQL query 'SELECT * FROM `item_ordered`;' is shown. The table data is as follows:

	Item_Ordered_ID	Menu_Item_ID	Quantity
<input type="checkbox"/> Edit Copy Delete	100000001	11111	1
<input type="checkbox"/> Edit Copy Delete	100000002	11112	2
<input type="checkbox"/> Edit Copy Delete	100000003	11113	2
<input type="checkbox"/> Edit Copy Delete	100000004	11114	1
<input type="checkbox"/> Edit Copy Delete	100000005	11115	1

At the bottom, there are controls for 'Check all', 'With selected:' (Edit, Copy, Delete), and 'Export'.

Insert records into the Payment table

```
INSERT INTO `payment`(`Payment_ID`,`Payment_Method`,`Customer_ID`) VALUES (10100001,'Cash',1);
```

```
INSERT INTO `payment`(`Payment_ID`,`Payment_Method`,`Customer_ID`) VALUES (10100002,'Card',2);
```

```
INSERT INTO `payment`(`Payment_ID`,`Payment_Method`,`Customer_ID`) VALUES (10100003,'Digital Wallet',3);
```

```
INSERT INTO `payment`(`Payment_ID`,`Payment_Method`,`Customer_ID`) VALUES (10100004,'Card',4);
```

```
INSERT INTO `payment`(`Payment_ID`,`Payment_Method`,`Customer_ID`) VALUES (10100005,'Cash',5);
```

The screenshot shows the phpMyAdmin interface for a database named 'ubereats'. The 'payment' table is selected, and the 'SQL' tab is active. The query box shows the SQL command: `SELECT * FROM `payment`;`. The table structure is visible, showing columns: `Payment_ID`, `Payment_Method`, and `Customer_ID`. The table contains 5 records, all displayed. The interface includes a sidebar with a tree view of databases and tables, and a top navigation bar with buttons for Browse, Structure, SQL, Search, Insert, and Export.

Server: 127.0.0.1 » Database: ubereats » Table: payment

Buttons: Browse, Structure, SQL, Search, Insert, Export

Show query box

Showing rows 0 - 4 (5 total, Query took 0.0005 seconds.)

`SELECT * FROM `payment`;`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

					Payment_ID	Payment_Method	Customer_ID
<input type="checkbox"/>	Edit	Copy	Delete		10100001	Cash	1
<input type="checkbox"/>	Edit	Copy	Delete		10100002	Card	2
<input type="checkbox"/>	Edit	Copy	Delete		10100003	Digital Wallet	3
<input type="checkbox"/>	Edit	Copy	Delete		10100004	Card	4
<input type="checkbox"/>	Edit	Copy	Delete		10100005	Cash	5

☐ Check all | With selected: Edit Copy Delete Exp

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Insert records into the Order_Invoice table

```
INSERT INTO `order_invoice`(`Order_ID`, `Item_Ordered_ID`, `Customer_ID`, `Restaurant_ID`, `Driver_ID`, `Payment_ID`, `Order_Date`, `Amount_Paid`) VALUES (111001101,100000001,1,000110,101,10100001,'2023-09-18',2500);
```

```
INSERT INTO `order_invoice`(`Order_ID`, `Item_Ordered_ID`, `Customer_ID`, `Restaurant_ID`, `Driver_ID`, `Payment_ID`, `Order_Date`, `Amount_Paid`) VALUES (111001102,100000002,2,000120,102,10100002,'2023-09-19',3230);
```

```
INSERT INTO `order_invoice`(`Order_ID`, `Item_Ordered_ID`, `Customer_ID`, `Restaurant_ID`, `Driver_ID`, `Payment_ID`, `Order_Date`, `Amount_Paid`) VALUES (111001103,100000003,3,000130,103,10100003,'2023-08-18',5000);
```

```
INSERT INTO `order_invoice`(`Order_ID`, `Item_Ordered_ID`, `Customer_ID`, `Restaurant_ID`, `Driver_ID`, `Payment_ID`, `Order_Date`, `Amount_Paid`) VALUES (111001104,100000004,4,000140,104,10100004,'2023-08-29',1960);
```

```
INSERT INTO `order_invoice`(`Order_ID`, `Item_Ordered_ID`, `Customer_ID`, `Restaurant_ID`, `Driver_ID`, `Payment_ID`, `Order_Date`, `Amount_Paid`) VALUES (111001105,100000005,5,000150,105,10100005,'2023-05-12',4450);
```

phpMyAdmin

Server: 127.0.0.1 » Database: ubereats » Table: order_invoice

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

[Edit inline] [Edit] [Create PHP code]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				Order_ID	Item_Ordered_ID	Customer_ID	Restaurant_ID	Driver_ID	Payment_ID	Order_Date	Amount_Paid
<input type="checkbox"/>	Edit	Copy	Delete	111001101	100000001	1	110	101	10100001	2023-09-18	2500.00
<input type="checkbox"/>	Edit	Copy	Delete	111001102	100000002	2	120	102	10100002	2023-09-19	3230.00
<input type="checkbox"/>	Edit	Copy	Delete	111001103	100000003	3	130	103	10100003	2023-08-18	5000.00
<input type="checkbox"/>	Edit	Copy	Delete	111001104	100000004	4	140	105	10100004	2023-08-29	1960.00
<input type="checkbox"/>	Edit	Copy	Delete	111001105	100000005	5	150	105	10100005	2023-05-12	4450.00
<input type="checkbox"/>	Edit	Copy	Delete	2147483647	100000001	1	110	101	10100001	2023-09-18	2500.00

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

3.

I'm going to add a new column to the driver table. The name of the attribute is "Status", the data type will be ENUM. It will contain two values, 'Active' and 'Inactive'. The default value will be 'Active'.

SQL statement - ALTER TABLE driver

ADD COLUMN Status ENUM('Active', 'Inactive') DEFAULT 'Active';

The screenshot shows the phpMyAdmin interface for the 'ubereats' database. The 'driver' table is selected, and the SQL query 'SELECT * FROM `driver`;' is executed. The table has 5 rows, all with 'Active' status. The columns are Driver_ID, Fname, Lname, License, Phone, Number_of_orders_completed, Rating, and Status.

	Driver_ID	Fname	Lname	License	Phone	Number_of_orders_completed	Rating	Status
<input type="checkbox"/>	101	Paul	Walker	A6987452	0756412398	95	4.60	Active
<input type="checkbox"/>	102	Dominic	Toretto	C6984563	0754782136	109	5.00	Active
<input type="checkbox"/>	103	Jason	Bourne	B4563217	0766453217	198	4.20	Active
<input type="checkbox"/>	104	Loki	Odinson	A2333145	0777756414	55	4.00	Active
<input type="checkbox"/>	105	Nathan	Lyon	B7893214	0725647893	82	4.40	Active

4.

I'm going to use the condition Rating < 4.1 to filter out my rows in the driver table.

The new value given to that row will be stated as 'Inactive'.

The SQL statement used is - UPDATE driver

SET Status 'Inactive'

WHERE Rating < 4.1;

phpMyAdmin

Server: 127.0.0.1 » Database: ubereats » Table: driver

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking

Show query box

Showing rows 0 - 4 (5 total, Query took 0.0005 seconds.)

SELECT * FROM `driver` WHERE 1;

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

			Driver_ID	Fname	Lname	License	Phone	Number_of_orders_completed	Rating	Status	
<input type="checkbox"/>	Edit	Copy	Delete	101	Paul	Walker	A6987452	0756412398	95	4.60	Active
<input type="checkbox"/>	Edit	Copy	Delete	102	Dominic	Toretto	C6984563	0754782136	109	5.00	Active
<input type="checkbox"/>	Edit	Copy	Delete	103	Jason	Bourne	B4563217	0766453217	198	4.20	Active
<input type="checkbox"/>	Edit	Copy	Delete	104	Loki	Odinson	A2333145	0777756414	55	4.00	Inactive
<input type="checkbox"/>	Edit	Copy	Delete	105	Nathan	Lyon	B7893214	0725647893	82	4.40	Active

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

5.

- a. I want to retrieve a list of customers along with their orders, sorted by order date performing an INNER JOIN between the Customer and Order_Invoice tables.

SQL statement –

SELECT

c.Fname AS Customer_Name,
o.Order_ID,
o.Order_Date,
o.Amount_Paid

FROM

Customer c

INNER JOIN

Order_Invoice o ON c.Customer_ID = o.Customer_ID

ORDER BY

o.Order_Date;

The screenshot shows the phpMyAdmin interface with the following details:

- Server:** 127.0.0.1 » **Database:** ubereats » **Table:** order_invoice
- Navigation Panel (Left):** Lists databases like company10, information_schema, institute, student, mysql, performance_schema, phpmyadmin, sit103, test, and ubereats. Under 'ubereats', it lists tables: customer, driver, drivervehicle, item_ordered, and menu.
- Top Menu:** Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, Triggers.
- Query Box:** Contains the SQL query: `SELECT c.Fname AS Customer_Name, o.Order_ID, o.Order_Date, o.Amount_Paid FROM Customer c INNER JOIN Order_Invoice o ON c.Customer_ID = o.Customer_ID ORDER BY o.Order_Date;`
- Message Bar:** Shows a warning: "Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available."
- Query Results:** Shows 5 rows (0-4) with columns: Customer_Name, Order_ID, Order_Date, and Amount_Paid. The data is as follows:

Customer_Name	Order_ID	Order_Date	Amount_Paid
John	111001105	2023-05-12	4450.00
Tony	111001103	2023-08-18	5000.00
Steve	111001104	2023-08-29	1960.00
John	111001101	2023-09-18	2500.00
Bruce	111001102	2023-09-19	3230.00

- b. I want to retrieve names of the customer who have made payments using 'Cash'.

SQL statement –

```
SELECT
    Lname AS Customer_Name
FROM
    Customer
WHERE
    Customer_ID IN (
        SELECT DISTINCT Customer_ID
        FROM Payment
        WHERE Payment_Method IN ('Cash')
    );
```

The screenshot shows the phpMyAdmin interface. On the left is the database navigation tree with 'ubereats' selected. The main panel displays the 'Table: Customer' view. A toolbar at the top includes options like Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers. Below the toolbar, a 'Show query box' button is present. A green status bar indicates 'Showing rows 0 - 1 (2 total, Query took 0.0008 seconds.)'. The SQL query is displayed in a text area: `SELECT Lname AS Customer_Name FROM Customer WHERE Customer_ID IN (SELECT DISTINCT Customer_ID FROM Payment WHERE Payment_Method IN ('Cash'));`. Below the query, there are links for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. A control bar shows 'Show all', 'Number of rows: 25', 'Filter rows: Search this table', and 'Sort by key: None'. An 'Extra options' button is also visible. The results table has one column, 'Customer_Name', and two rows of data: 'Travis' and 'Durairaj'. Each row has links for 'Edit', 'Copy', and 'Delete'. At the bottom, there are checkboxes for 'Check all', 'With selected:', and buttons for 'Edit', 'Copy', 'Delete', and 'Export'.

- c. I want to retrieve the orders placed in the last 30 days.

SQL statement –

```
SELECT
    Order_ID,
    Order_Date
FROM
    Order_Invoice
WHERE
    Order_Date >= DATE_SUB(CURRENT_DATE(), INTERVAL 30 DAY);
```

The screenshot shows the phpMyAdmin interface. On the left is a sidebar with a database tree. The main panel displays the results of an SQL query executed on the 'Order_Invoice' table in the 'ubereats' database. The query is: `SELECT Order_ID, Order_Date FROM Order_Invoice WHERE Order_Date >= DATE_SUB(CURRENT_DATE(), INTERVAL 30 DAY);`. The results show 3 rows. Below the results, there are controls for 'Extra options' and 'Query results operations'.

Server: 127.0.0.1 » Database: ubereats » Table: Order_Invoice

Buttons: Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations

Show query box

Showing rows 0 - 2 (3 total, Query took 0.0009 seconds.)

`SELECT Order_ID, Order_Date FROM Order_Invoice WHERE Order_Date >= DATE_SUB(CURRENT_DATE(), INTERVAL 30 DAY);`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	Order_ID	Order_Date
<input type="checkbox"/> Edit Copy Delete	111001101	2023-09-18
<input type="checkbox"/> Edit Copy Delete	111001102	2023-09-19
<input type="checkbox"/> Edit Copy Delete	111001104	2023-08-29

↑ ☐ Check all With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

- d. I want to create a view that displays order details, including customer names and restaurant names.
SQL statement –

```
CREATE VIEW OrderDetails AS
SELECT
    o.Order_ID,
    c.LName AS Customer_Name,
    r.Name AS Restaurant_Name,
    o.Order_Date,
    o.Amount_Paid
FROM
    Order_Invoice o
INNER JOIN
    Customer c ON o.Customer_ID = c.Customer_ID
INNER JOIN
    Restaurant r ON o.Restaurant_ID = r.Restaurant_ID;
```

phpMyAdmin

Server: 127.0.0.1 » Database: ubereats » View: orderdetails

Browse Structure SQL Search Insert Export Privileges Operations

⚠ Current selection does not contain a unique column. Grid edit, Edit, Copy and Delete features may result in undesired behavior.

✓ Showing rows 0 - 4 (5 total, Query took 0.0010 seconds.)

SELECT * FROM `orderdetails`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

				Order_ID	Customer_Name	Restaurant_Name	Order_Date	Amount_Paid
<input type="checkbox"/>	Edit	Copy	Delete	111001101	Travis	Pizza Hut	2023-09-18	2500.00
<input type="checkbox"/>	Edit	Copy	Delete	111001102	Banner	Banana Leaf	2023-09-19	3230.00
<input type="checkbox"/>	Edit	Copy	Delete	111001103	Stark	Shiwu Chinese Restaurant	2023-08-18	5000.00
<input type="checkbox"/>	Edit	Copy	Delete	111001104	Rogers	Elite Indian Restaurant	2023-08-29	1960.00
<input type="checkbox"/>	Edit	Copy	Delete	111001105	Durairaj	Nara Thai	2023-05-12	4450.00

⬆ ☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view