

#create a new database named HungerStation

create database HungerStation;

#Create table users

```
create table users(  
    user_id int primary key ,  
    user_name varchar(20) not null ,  
    email varchar(30) unique ,  
    password varchar(20) not null,  
    userPhoneNumber varchar(10)not null check (userPhoneNumber REGEXP '^[0-9]{10,15}$') ,  
    created_at datetime default (current_timestamp)  
);
```

#Create table Restaurants

```
create table Restaurants(  
    restaurant_id int primary key ,  
    name varchar(20) not null ,  
    address varchar(20) not null,  
    phone_number varchar(10) not null check (phone_number REGEXP '^[0-9]{10,15}$') ,  
    rating DECIMAL(10,2) check (rating>=1 && rating<=5)  
);
```

#Create table orders

```
create table orders(  
    order_id int primary key ,  
  
    user_id int,  
    foreign key (user_id) references users (user_id),  
  
    restaurant_id int,  
    foreign key (restaurant_id) references Restaurants(restaurant_id),  
    order_date datetime default (current_timestamp),  
    total_amount DECIMAL(10,2),  
    order_status varchar(30) check ( order_status= 'Preparing your order!' or order_status=  
'Your order is on the way!' or order_status= 'Delivered!' )  
);
```

#Create table orderItems

```
create table orderItems (  
    orderItems_id int primary key ,  
    order_id int,  
    foreign key (order_id) references orders(order_id),  
    item_name varchar(20) not null ,  
    quantity int not null default 0,  
    price DECIMAL(10,2)  
);
```

#1. Add new row to the users table.

```
insert into users (user_id, user_name, email, password,userPhoneNumber) values  
(11,'Reema55','Reema@gmail.com','reema@12345','0567905545');  
insert into users (user_id, user_name, email, password,userPhoneNumber) values  
(22,'Rawan88','Rawan@gmail.com','rawan@12345','0534267786');  
insert into users (user_id, user_name, email, password,userPhoneNumber) values  
(33,'Saud22','Saud@gmail.com', 'saud@12345','0543216675');  
insert into users (user_id, user_name, email, password,userPhoneNumber) values  
(44,'Nawaf77','Nawaf@gmail.com','Nawaf@12345','0578976654');  
insert into users (user_id, user_name, email, password,userPhoneNumber) values  
(55,'Khalid12','Khalid@gmail.com','Khalid@12345','0543432265');
```

#2. Add new row to the Restaurants table.

```
insert into Restaurants (restaurant_id, name, address, phone_number, rating) values  
(1,'PizzaHut','Alnarjis','0567905545',4.2);  
insert into Restaurants (restaurant_id, name, address, phone_number, rating) values  
(2,'DearCow','Annakheel','0557543321',4.3);  
insert into Restaurants (restaurant_id, name, address, phone_number, rating) values (3,'Tikka  
way','Alnarjis','0552314435',3.7);  
insert into Restaurants (restaurant_id, name, address, phone_number, rating) values  
(4,'Albaik','Alnuzhah','8002442245',4.3);  
insert into Restaurants (restaurant_id, name, address, phone_number, rating) values  
(5,'BaskinRobins','Alnuzhah','9200131209',4.6);
```

#3. Add new row to the orders table.

```
insert into orders (order_id, user_id, restaurant_id,total_amount,order_status) values
```

```
(10,11,1,132,'Preparing your order!');
```

```
insert into orders (order_id, user_id, restaurant_id,total_amount,order_status) values  
(20,22,2,117,'Preparing your order!');
```

```
insert into orders (order_id, user_id, restaurant_id,total_amount,order_status) values  
(30,33,3,40,'Your order is on the way!');
```

```
insert into orders (order_id, user_id, restaurant_id,total_amount,order_status) values  
(40,44,4,44,'Delivered!');
```

```
insert into orders (order_id, user_id, restaurant_id,total_amount,order_status) values  
(50,55,5,40,'Delivered!');
```

#4. Add new row to the orderItems table.

```
insert into orderItems (orderItems_id, order_id, item_name, quantity,price) values  
(11,10,'pizza',4,33);
```

```
insert into orderItems (orderItems_id, order_id, item_name, quantity,price) values (12,20,'Meat  
Burger',3,39);
```

```
insert into orderItems (orderItems_id, order_id, item_name, quantity,price) values (13,30,'Tikka  
Sandwich',4,10);
```

```
insert into orderItems (orderItems_id, order_id, item_name, quantity,price) values  
(14,40,'Chicken broasted',2,22);
```

```
insert into orderItems (orderItems_id, order_id, item_name, quantity,price) values  
(15,50,'Chocolate iceCream',2,20);
```

#DML - update

```
update users set email='Reemaalsh@gmail.com' where users.user_id = 11;
```

```
update Restaurants set name = 'Dominos pizza' where restaurant_id =1;
```

```
update orders set order_status='Delivered!' where order_id=10;
```

```
update orderItems set item_name='Oreo iceCream' where orderItems_id =15;
```

#DML - Delete

```
delete from orderItems where orderItems_id = 13;
```

```
delete from orders where order_id = 30;
```

```
delete from Restaurants where restaurant_id = 3;
```

```
delete from users where user_id=33;
```

#DQL - Select

```
select * from users;  
select * from Restaurants;  
select * from orders;  
select * from orderItems;
```