Task-2

Executing DML and DDL Commands

Here the commands are given for the online food off ordering system try to execute these commands in the lab.

Step1:- Go to windows Type Run sql.

Step2:- Type "connect"

Step3:- Enter username System and password

Step4:- start typing the commands

The sql commands to create, insert, select and display a table for an online food ordering system

1. Create Tables

a) Customers Table

```
CREATE TABLE Customers
(   CustomerID INT PRIMARY KEY,
    NAME VARCHAR(100),
    Email VARCHAR(100),
    PhoneNumber VARCHAR(15),
    Address VARCHAR(255),
);
```

Fooditems

Food ID	Food Name	Price	Catcogry
Empty			

Order

Order ID	Customer ID	Order Date	Total amount
Empty			

Orderdetails

order detail ID	Order ID	Food ID	Quantity
Empty			

b) Food items Table:

CREATE TABLE Fooditems
(FOODID INT PRIMARY KEY,
FoodName VARCHAR (100),
Price DECIMAL (10,2),
Category VARCHAR(50)
);

c) orders Table

CREATE TABLE Orders
(OrderDetails ID INT PRIMARY KEY,
OrderID INT,
FoodID INT,
Quantity INT,
Subtotal DECIMAL (10,2),
FOREIGN KEY (OrderID) REFERENCES Orders (OrderID),
FOREIGN KEY (FoodID) REFERENCES Fooditems (FoodID)
);

Customer ID	Name	Email	Phone number	Address
1	John Doe	John@example.com	123456789	123 Elm Street
2	John smith	John smith@example.com	998877 6655	456 oak 5th Ave

Food ID	Food Name	Price	Category
1)	cheese pizza	899	Pizza
2)	chicken Burger	549	Burger
3)	veggie salad	499	Salad
4)	chocolate cake	399	Dessert

2. Insert Records

a) Insert into customers Table.

```sql
INSERT
INTO CUSTOMERS (Customer ID, Name, Email
Phonenumber, Address);
VALUES (1, 'John Boe', 'John.doe@example.co
, '123 456 98901', '123 Elm Street'

INSERT
INTO Customers (Customer ID, Name, Email,
Phonenumber, Address);
VALUES (2, 'Jane Smith', 'Jane.Smith@
example.com', '987 654 3210', '456.oak
Avenue);

SELECT * FROM customers
```

b) Insert into Food items Table

```sql
INSERT
INTO Fooditems (FoodID, Food Name, price,
Category)
VALUES (1, 'Cheese Pizza', 8.99, 'pizza')

INSERT
INTO Fooditems (FoodID, Food Name, price
Category)
VALUES (2, 'Chicken Burger', 5.49, 'Burger'
```

```sql
INSERT
    INTO Fooditems (FoodID, FoodName, price
    Category);
        VALUES (3, 'veggie salad', 4.99, 'salad');

INSERT
    INTO Fooditems (FoodID, FoodName, price,
    Category);
    VALUES (4, 'chocolate cake', 3.99, 'Dessert
    SELECT * FROM Fooditems
```

C. INSERT into orders Table

```sql
INSERT
    INTO orders (ordersID, CustomerID,
    OrderDate, TotalAmount)
    VALUES (1, orders 1, DATE '2025-01-03',
                                        18.47)

INSERT
    INTO orders (orderID, CustomerID,
    OrderDate, Total Amount);
    VALUES (2, 2, '2025-01-03', 9.48),
    SELECT * FROM orders
```

d. INSERT the Order Details Table.

```sql
INSERT
    INTO OrderDetails (OrderDetailID, orderID,
    FoodID, Quantity, subtotal)
```

```sql
VALUES (1,1,1,2,17,98);
INSERT INTO OrderDetails (OrderDetailID,
OrderID, FoodID, Quantity, Subtotal);
VALUES (2,1,4,1,3,99);
INSERT INTO OrderDetails (OrderDetailID,
OrderID, FoodID, Quantity, Subtotal);
VALUES (3,2,2,1,15,49);
INSERT INTO OrderDetails (OrderDetailID,
OrderID, FoodID, Quantity, Subtotal);
VALUES (4,2,3,1,4,99);
SELECT * FROM OrderDetails;
```

3. SELECT DATA

a) select All customers
```sql
SELECT * FROM Customers;
```

b) Select All Food items
```sql
SELECT * FROM Fooditems;
```

c) Select All orders
```sql
SELECT * FROM Orders;
```

d) Select All order Details
```sql
SELECT * FROM OrderDetails;
```

Result:-

The Program has executed successce
In the program