**Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology**

**(Deemed to be University Estd. u/s 3 of UGC Act, 1956)**

**School of Computing**

**B.Tech. – Computer Science and Engineering**

**VTR UGE2021- (CBCS)**

Academic Year: 2025–2026

SUMMER SEMESTER - SS2526

Course Code : 10211CS207

Course Name: Database Management Systems

Slot No : S2L5

DBMS TASK - 2 REPORT

**Title:** Executing DML and DDL Commands

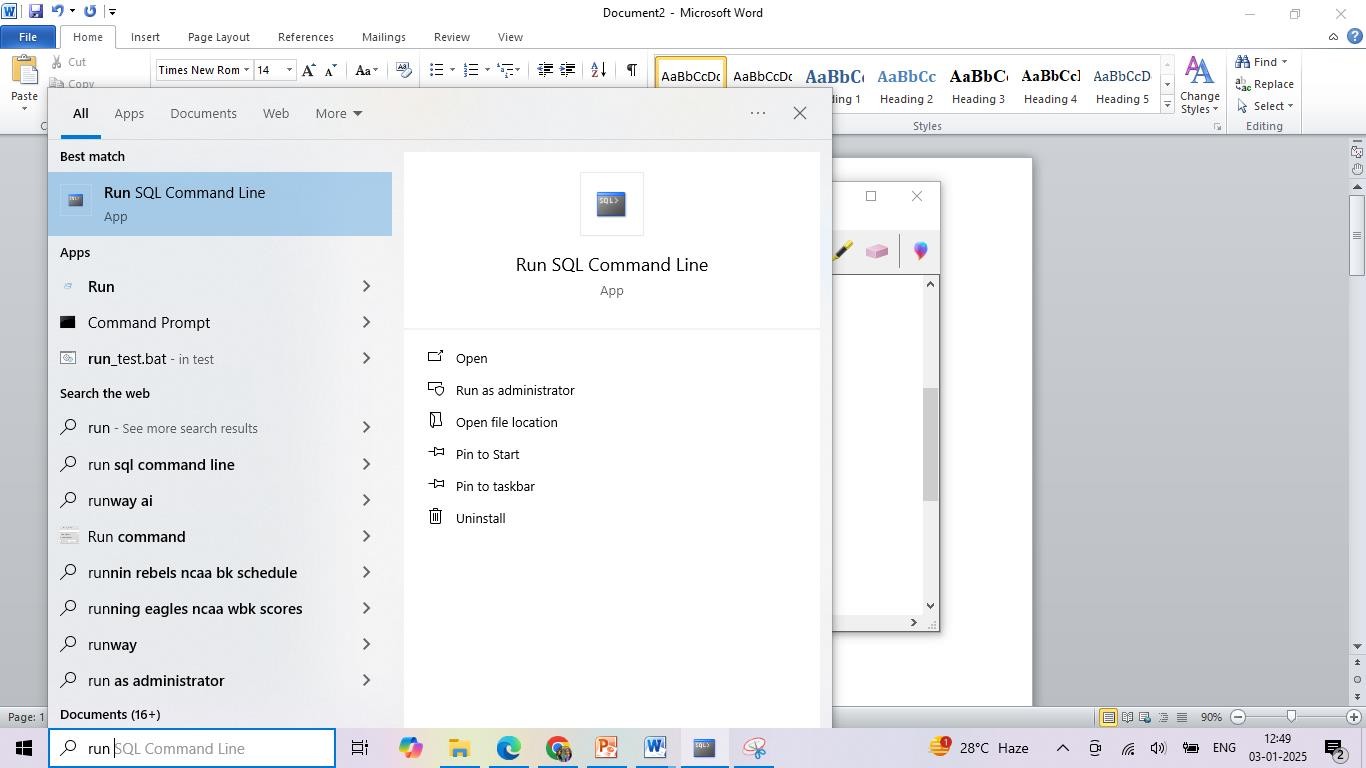
**Submitted by:**

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| --- | --- | --- |
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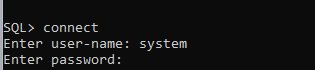
# TASK 2: Executing DML and DDL Commands

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

**Step 1:** Go to windows Type Run SQL



**Step 2:** Type “**connect”**

****

**Step 3:** Enter Username: **system** and Password: **system Step 4:** Start typing the commands

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

1. Create Tables

# Customers Table:

CREATE TABLE Customers ( CustomerID INT PRIMARY KEY, Name VARCHAR(100),

Email VARCHAR(100),

PhoneNumber VARCHAR(15), Address VARCHAR(255)

);

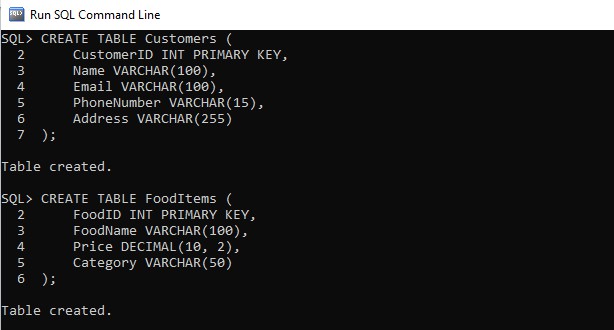
# FoodItems Table:

CREATE TABLE FoodItems ( FoodID INT PRIMARY KEY, FoodName VARCHAR(100), Price DECIMAL(10, 2),

Category VARCHAR(50)

);

This is the sample how your commands are executed



# Orders Table:

CREATE TABLE Orders ( OrderID INT PRIMARY KEY,

CustomerID INT, OrderDate DATE,

TotalAmount DECIMAL(10, 2),

FOREIGN KEY (CustomerID) REFERENCES Customers(CustomerID)

);

# OrderDetails Table:

CREATE TABLE OrderDetails (

OrderDetailID 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)

);

# Insert Records

* 1. **Insert into Customers Table**

INSERT

INTO Customers (CustomerID, Name, Email, PhoneNumber, Address) VALUES (1, 'John Doe', ['john.doe@example.com',](mailto:%27john.doe@example.com) '1234567890', '123 Elm

Street');

INSERT INTO Customers (CustomerID, Name, Email, PhoneNumber, Address) VALUES (2, 'Jane Smith', ['jane.smith@example.com',](mailto:%27jane.smith@example.com) '9876543210', '456

Oak Avenue');

SELECT \* FROM Customers;

# Insert into FoodItems Table

INSERT

INTO FoodItems (FoodID, FoodName, Price, Category) VALUES (1, 'Cheese Pizza', 8.99, 'Pizza');

INSERT

INTO FoodItems (FoodID, FoodName, Price, Category) VALUES (2, 'Chicken Burger', 5.49, 'Burger');

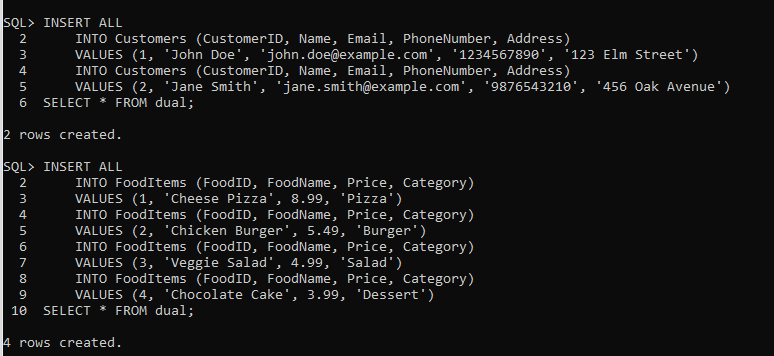
INSERT

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;



# Insert into Orders Table

INSERT

INTO Orders (OrderID, CustomerID, OrderDate, TotalAmount) VALUES (1 Orders, 1, DATE '2025-01-03', 18.47);

INSERT

INTO Orders (OrderID, CustomerID, OrderDate, TotalAmount) VALUES (2, 2, DATE '2025-01-03', 9.48);

SELECT \* FROM Orders;

# Insert into OrderDetails Table

INSERT INTO OrderDetails (OrderDetailID, OrderID, FoodID, Quantity, Subtotal) 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, 5.49);

INSERT INTO OrderDetails (OrderDetailID, OrderID, FoodID, Quantity, Subtotal) VALUES (4, 2, 3, 1, 4.99);

SELECT \* FROM OrderDetails;

# Select Data

* 1. **Select All Customers:**

SELECT \* FROM Customers;

# Select All Food Items:

SELECT \* FROM FoodItems;

# Select All Orders:

SELECT \* FROM Orders;

# Select All Order Details:

SELECT \* FROM OrderDetails;

RESULT: Thus the task has been executed and verified successfully.