**CYPRUS INTERNATIONAL UNIVERSITY**

FACULTY OF ENGINEERING

CMPE344 – Database Management Systems and Programming II

1. -- Create Customers table

CREATE TABLE Customers (

CustomerID INT PRIMARY KEY,

Name VARCHAR(50),

Email VARCHAR(100)

);

-- Insert sample data into Customers table

INSERT INTO Customers (CustomerID, Name, Email)

VALUES

(1, 'John', 'john@example.com'),

(2, 'Alice', 'alice@example.com'),

(3, 'Bob', 'bob@example.com');

-- Create Orders table

CREATE TABLE Orders (

OrderID INT PRIMARY KEY,

CustomerID INT,

Product VARCHAR(50),

Quantity INT

);

-- Insert sample data into Orders table

INSERT INTO Orders (OrderID, CustomerID, Product, Quantity)

VALUES

(101, 1, 'Laptop', 2),

(102, 2, 'Smartphone', 1),

(103, 3, 'Tablet', 3);

1. Select all orders with customer information using (inner join).
2. Select all customers and any orders they might have (left join).
3. Select all customers and any orders they might have placed (right join).
4. Select all customers and all orders (Full join).