**create a coustomer table and order table with necessary entities and craft a query using a innerjoin to combine orders and coustomer table for customers in a specified region and left join to display all customers including those without orders**

CREATE TABLE Customer (

CustomerID NUMBER PRIMARY KEY NOT NULL UNIQUE,

FirstName VARCHAR2(100) NOT NULL,

LastName VARCHAR2(100) NOT NULL,

Email VARCHAR2(255) NOT NULL UNIQUE,

PhoneNumber VARCHAR2(15) UNIQUE,

Region VARCHAR2(100) NOT NULL

);

CREATE TABLE Order (

OrderID NUMBER PRIMARY KEY NOT NULL UNIQUE,

CustomerID NUMBER NOT NULL,

OrderDate DATE NOT NULL,

Amount NUMBER NOT NULL,

FOREIGN KEY (CustomerID) REFERENCES Customer(CustomerID)

);

INSERT INTO Customer (CustomerID, FirstName, LastName, Email, PhoneNumber, Region) VALUES

(1, 'John', 'Doe', 'john.doe@example.com', '1234567890', 'North');

INSERT INTO Customer (CustomerID, FirstName, LastName, Email, PhoneNumber, Region) VALUES

(2, 'Jane', 'Smith', 'jane.smith@example.com', '0987654321', 'East');

INSERT INTO Customer (CustomerID, FirstName, LastName, Email, PhoneNumber, Region) VALUES

(3, 'Alice', 'Johnson', 'alice.johnson@example.com', '1112223333', 'South');

INSERT INTO Customer (CustomerID, FirstName, LastName, Email, PhoneNumber, Region) VALUES

(4, 'Bob', 'Brown', 'bob.brown@example.com', '4445556666', 'West');

INSERT INTO Customer (CustomerID, FirstName, LastName, Email, PhoneNumber, Region) VALUES

(5, 'Charlie', 'Davis', 'charlie.davis@example.com', '7778889999', 'North');

INSERT INTO "Order" (OrderID, CustomerID, OrderDate, Amount) VALUES

(1, 1, TO\_DATE('2023-01-15', 'YYYY-MM-DD'), 100.50);

INSERT INTO "Order" (OrderID, CustomerID, OrderDate, Amount) VALUES

(2, 1, TO\_DATE('2023-02-20', 'YYYY-MM-DD'), 150.75);

INSERT INTO "Order" (OrderID, CustomerID, OrderDate, Amount) VALUES

(3, 2, TO\_DATE('2023-03-10', 'YYYY-MM-DD'), 200.00);

INSERT INTO "Order" (OrderID, CustomerID, OrderDate, Amount) VALUES

(4, 3, TO\_DATE('2023-04-05', 'YYYY-MM-DD'), 300.25);

SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.OrderDate, o.Amount

FROM Customer c

INNER JOIN Order o ON c.CustomerID = o.CustomerID

WHERE c.Region = 'Hyderabad';

SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.OrderDate, o.Amount

FROM Customer c

LEFT JOIN Order o ON c.CustomerID = o.CustomerID;