create database Assign1;

use Assign1;

CREATE TABLE Customer

(Id int NOT NULL PRIMARY KEY,

FirstName nvarchar(40) NOT NULL,

LastName nvarchar(40),

City nvarchar(40),

Country nvarchar(40),

Phone nvarchar(20));

CREATE TABLE Orders(

Id int NOT NULL PRIMARY KEY,

OrderDate datetime NOT NULL,

OrderNumber nvarchar(10),

CustomerId int FOREIGN KEY REFERENCES Customer(Id) ,

TotalAmount decimal(12,2));

CREATE TABLE Product(

Id int NOT NULL PRIMARY KEY,

ProductName nvarchar(50),

UnitPrice decimal(12,2),

Package nvarchar(30),

IsDiscontinued bit);

CREATE TABLE OrderItem(

Id int NOT NULL PRIMARY KEY,

OrderID int FOREIGN KEY REFERENCES Orders(Id),

ProductId int FOREIGN KEY REFERENCES Product(Id),

UnitPrice decimal(12,2),

Quantity int);

INSERT INTO Customer(Id, FirstName, LastName, City, Country, Phone) VALUES ('1001', 'Rahul', 'Jain', 'Bhopal', 'India', '9876543210'),

('1002', 'Srishti', 'Sharma', 'Berlin', 'Germany', '1234567890'), ('1003', 'Goerge', 'Russel', 'New York', 'America', '2718264850');

INSERT INTO Orders(Id, OrderDate, OrderNumber, CustomerId, TotalAmount) VALUES ('2001', '2018-10-27 12:36:10', '1', '1002', '1500');

INSERT INTO Orders(Id, OrderDate, OrderNumber, CustomerId, TotalAmount) VALUES ('2002', '2020-05-15 09:07:47', '2', '1003', '3130');

INSERT INTO Orders(Id, OrderDate, OrderNumber, CustomerId, TotalAmount) VALUES ('2003', '2015-08-27 18:12:33', '3', '1001', '7360');

INSERT INTO Orders(Id, OrderDate, OrderNumber, CustomerId, TotalAmount) VALUES ('2004', '2018-11-27 12:36:10', '4', '1002', '3000');

INSERT INTO Orders(Id, OrderDate, OrderNumber, CustomerId, TotalAmount) VALUES ('2005', '2018-02-25 16:36:10','5', '1001', '300');

INSERT INTO Orders(Id, OrderDate, OrderNumber, CustomerId, TotalAmount) VALUES ('2006', '2019-02-21 17:36:10', '6', '1004', '80000');

INSERT INTO Orders(Id, OrderDate, OrderNumber, CustomerId, TotalAmount) VALUES ('2007', '2018-01-25 16:36:10','7', '1001', '200');

INSERT INTO Product(Id, ProductName, UnitPrice, Package, IsDiscontinued) VALUES ('3001', 'shampoo', '250.00', '500000', '0'),

('3002', 'cookies', '140.00', '150000', '0'), ('3003', 'cooking oil', '300.00', '683000', '1');

INSERT INTO Product(Id, ProductName, UnitPrice, Package, IsDiscontinued) VALUES ('3004', 'fish', '50.00', '30000', '1');

INSERT INTO Product(Id, ProductName, UnitPrice, Package, IsDiscontinued) VALUES ('3005', 'Sushi', '150.00', '28000', '1');

INSERT INTO Product(Id, ProductName, UnitPrice, Package, IsDiscontinued) VALUES ('3006','Chai', '10.00', '8000', '0');

INSERT INTO OrderItem(Id, OrderID, ProductId, UnitPrice, Quantity) VALUES ('4001', '2001', '3001', '250', '200'),

('4002', '2002', '3002', '200', '300'), ('4003', '2003', '3003', '350', '100'),('4004', '2004', '3002', '10', '90'),('4005', '2005', '3001', '17', '80');

INSERT INTO OrderItem(Id, OrderID, ProductId, UnitPrice, Quantity) VALUES ('4006', '2006', '3006', '50', '2000');

select \* from Customer;

select Country from Customer where Country like 'A%' or Country like 'I%';

select FirstName from Customer where FirstName like '\_\_i%';

1.Desgin the above database with following table by applying Primary key and Foreign key

2.Insert Records in all tables

3.In Customer table FirstName Attribute should not accept null value

4.In Order table OrderDate should not accept null value

5.Display all customer details

6.write a query to display Country whose name starts with A or I

7 .write a query to display whose name of customer whose third character is i