

Database Management System



Session: 2022 – 2026

Submitted by:

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Supervised by:

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Queries of: Lab 03

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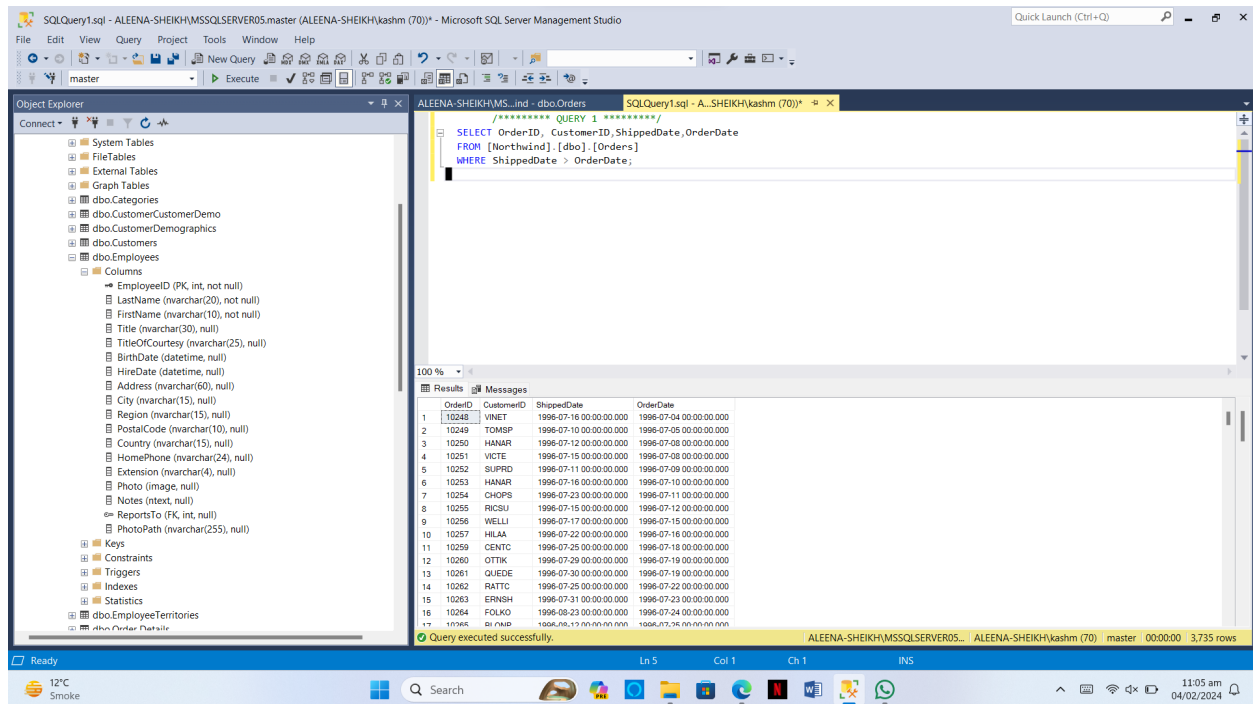
Home Tasks:

Question 01:

Write a query to report orders which were delayed shipped.

Query:

```
SELECT OrderID, CustomerID, ShippedDate, OrderDate FROM Northwind.dbo.Orders WHERE ShippedDate > OrderDate;
```

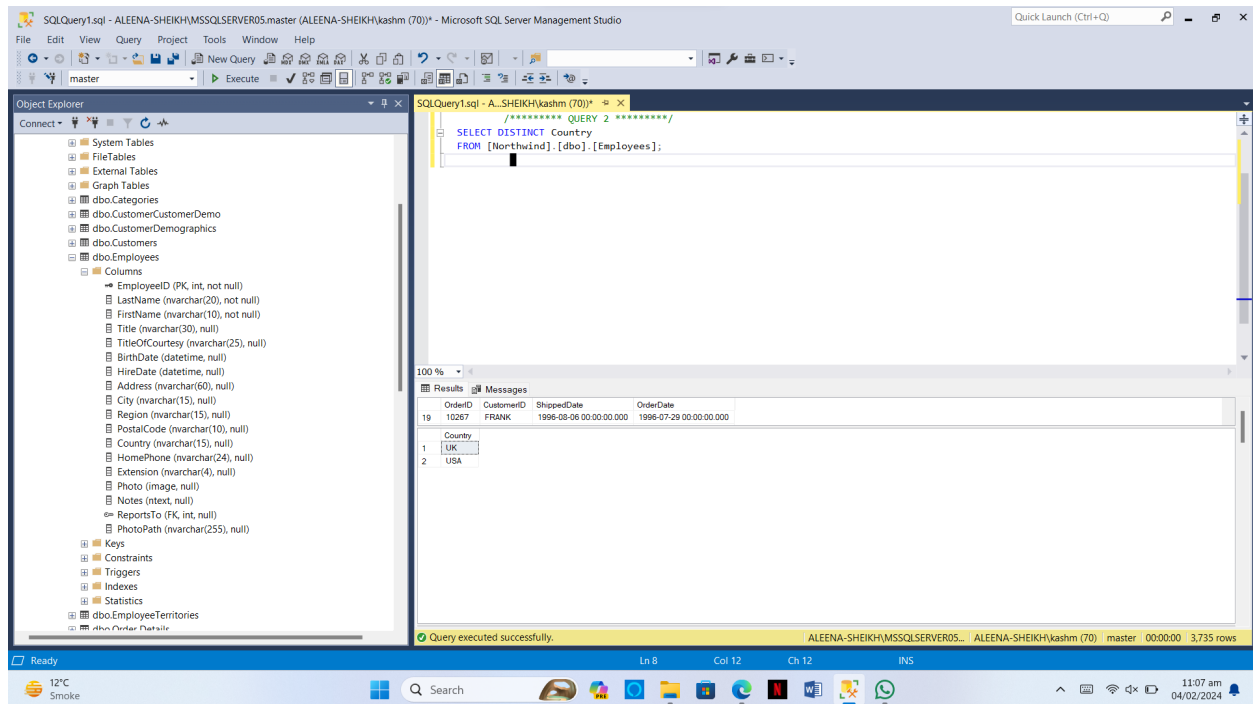


Question 02:

Our employees belong to how many countries. List the names.

Query:

```
SELECT DISTINCT Country FROM Northwind.dbo.Employees;
```



Question 03:

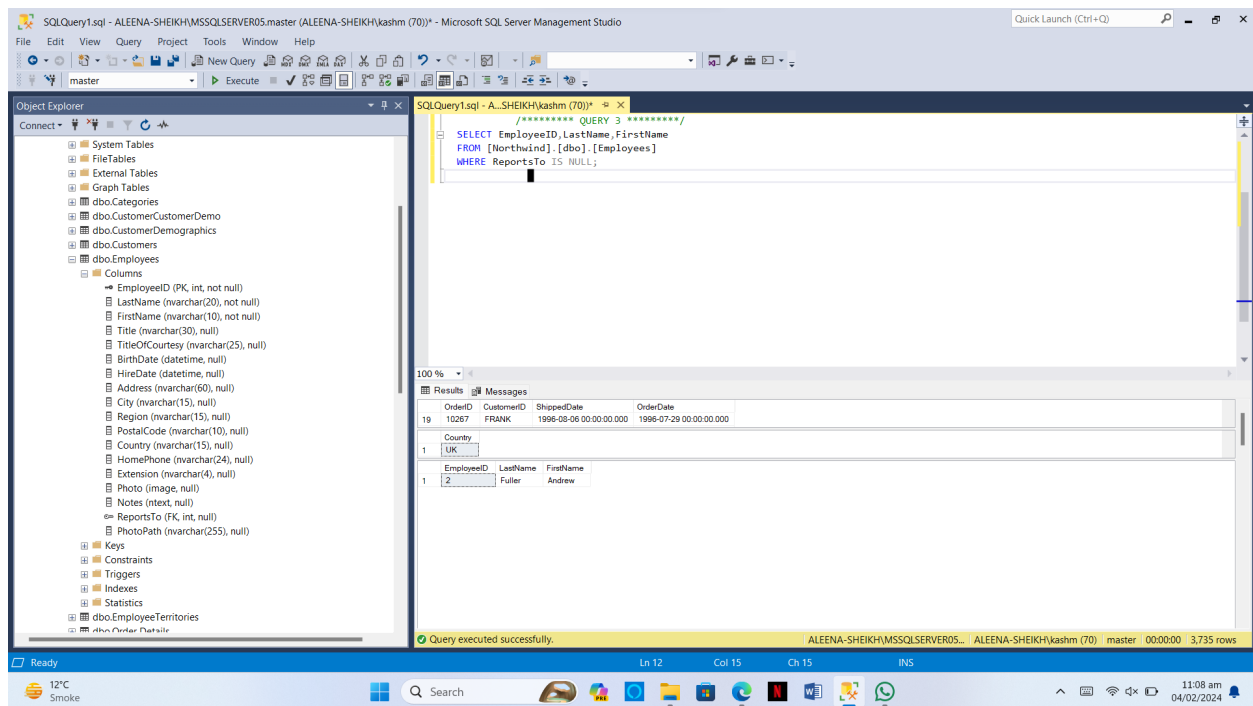
Is there any employee who is not accountable?

Query:

```

SELECT EmployeeID, LastName, FirstName FROM Northwind.dbo.Employees
WHERE ReportsTo IS NULL;

```



Question 04:

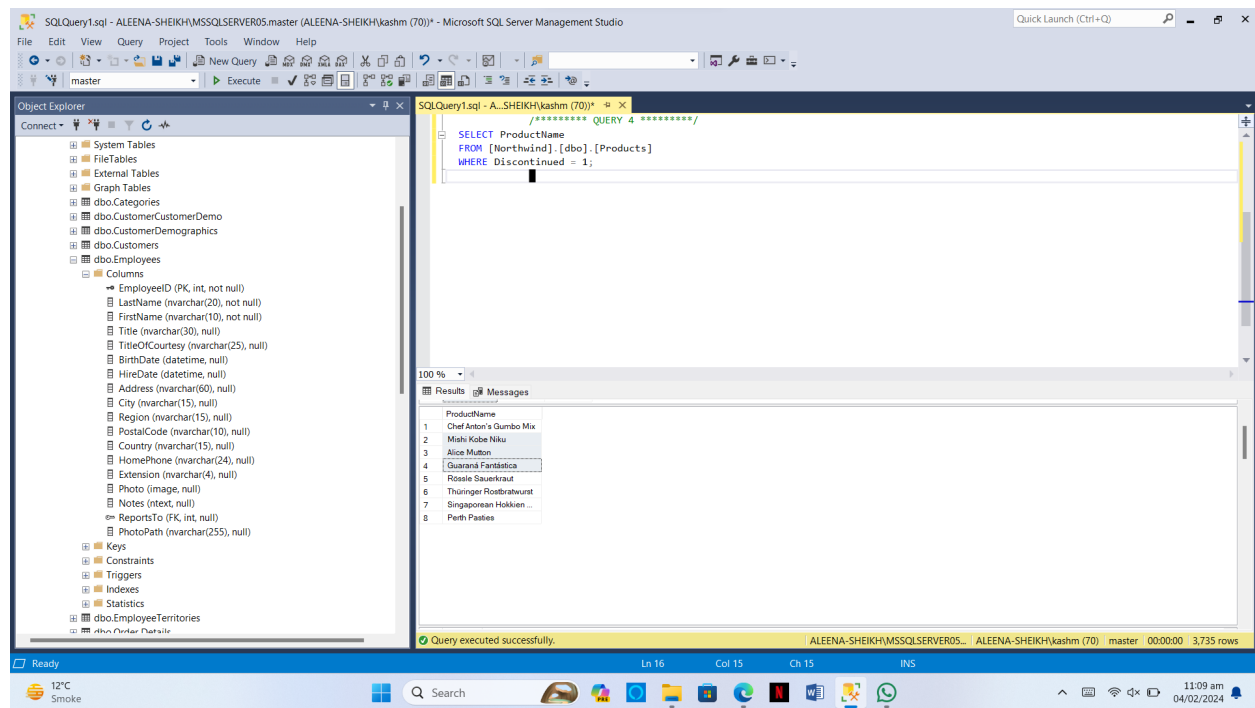
List the names of products which have been discontinued.

Query:

```

SELECT ProductName FROM Northwind.dbo.Products WHERE Discontinued
= 1;

```

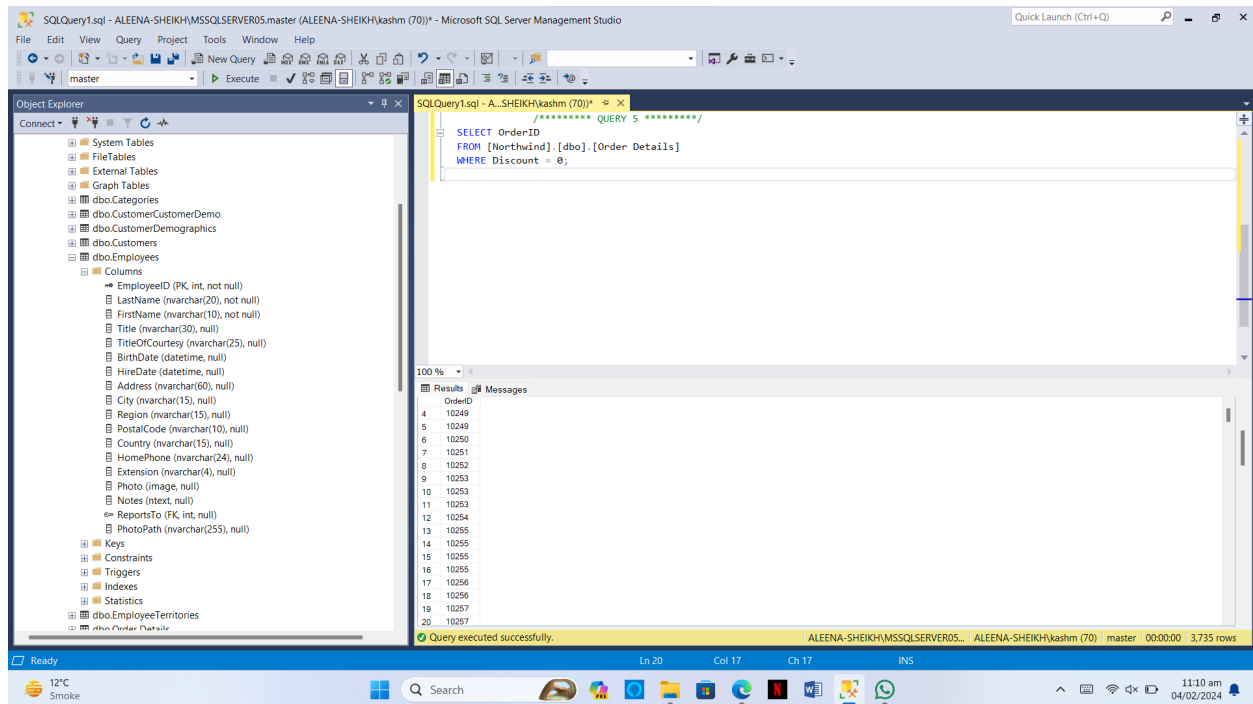


Question 05:

List the IDs the orders on which discount was not provided.

Query:

SELECT OrderID FROM Northwind.dbo.Order Details WHERE Discount = 0;

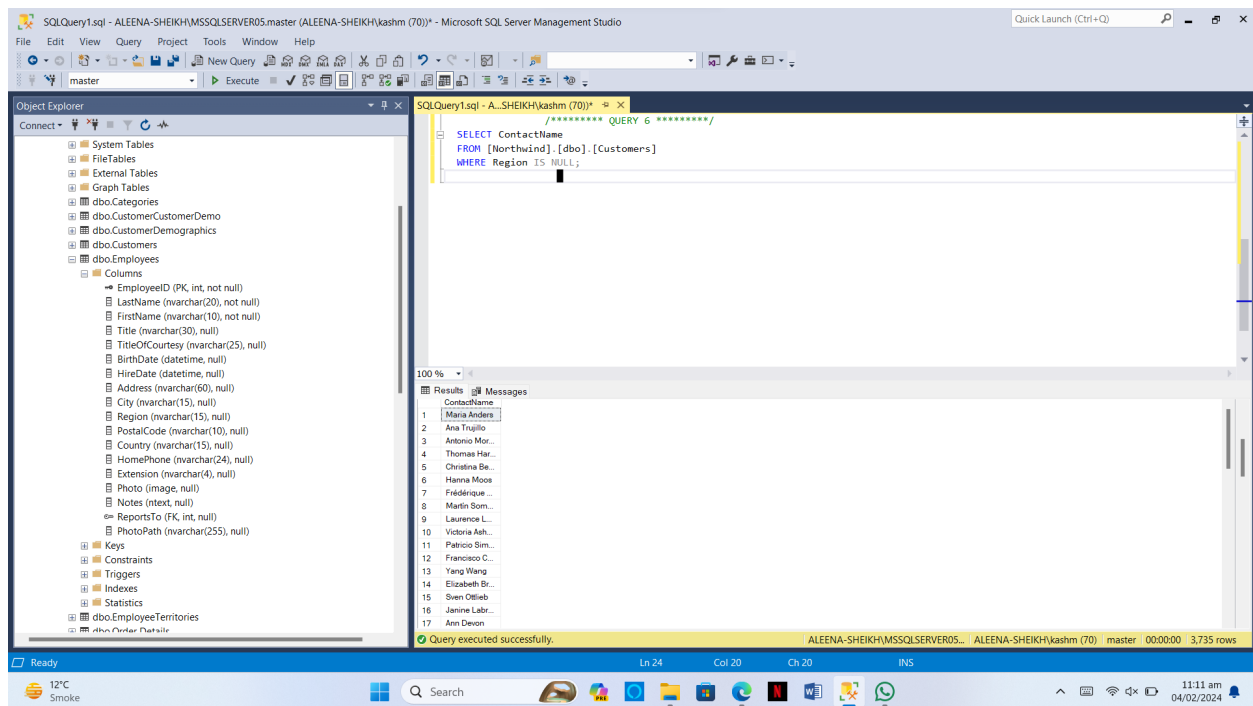


Question 06:

Enlist the names of customers who have not specified their region.

Query:

```
SELECT ContactName FROM Northwind.dbo.Customers WHERE Region IS NULL;
```



Question 07:

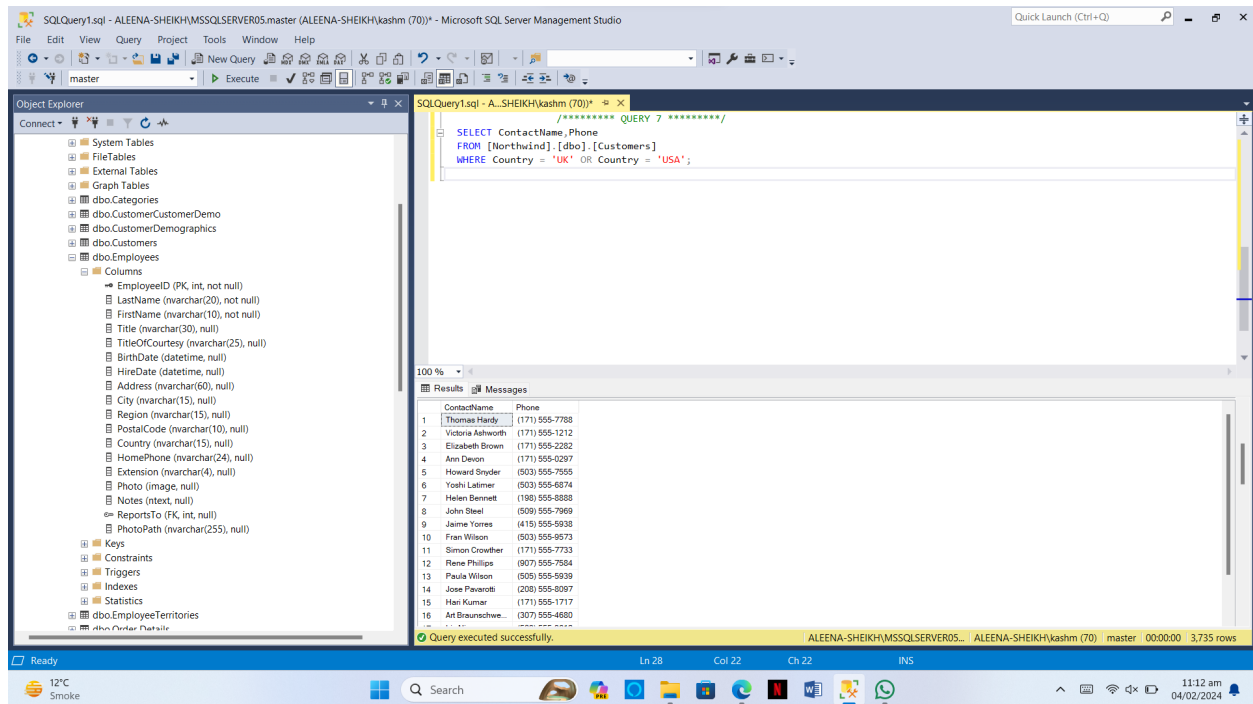
Enlist the names of customers along with contact number who either belongs to UK or USA.

Query:

```

SELECT ContactName,Phone FROM Northwind.dbo.Customers WHERE Country = 'UK' OR Country = 'USA';

```

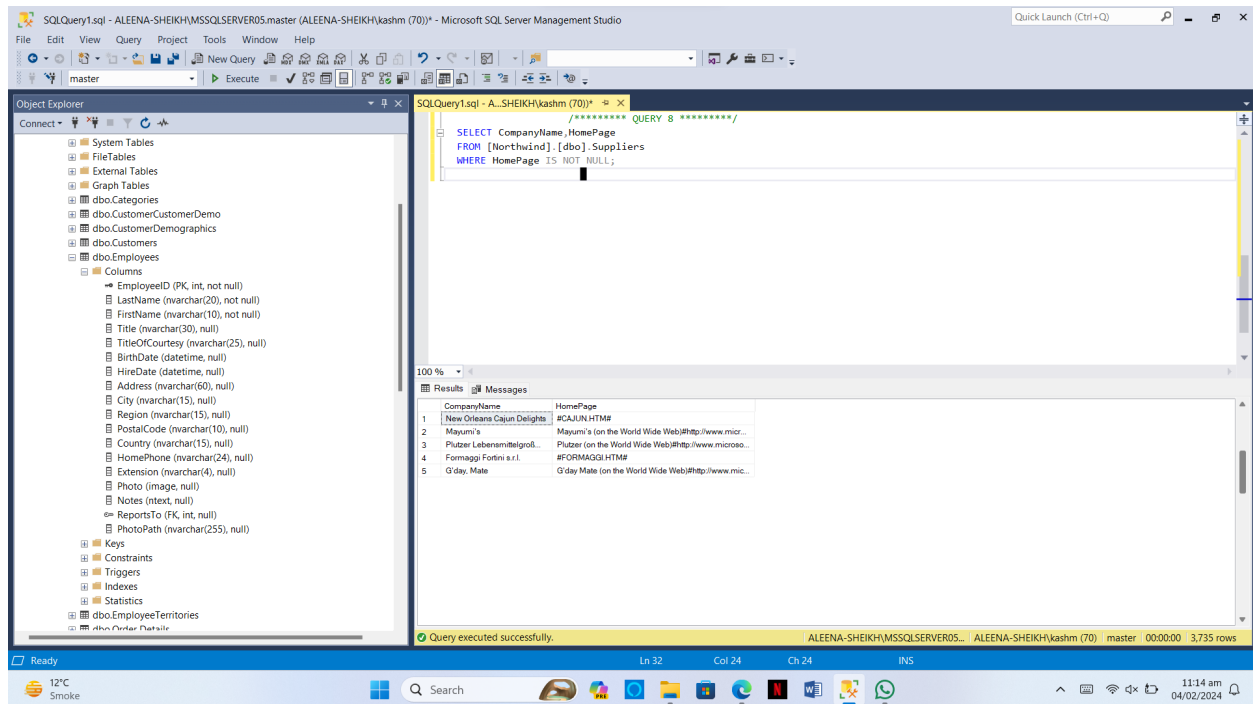


Question 08:

Report the names of companies who have provided their web page.

Query:

```
SELECT CompanyName,HomePage FROM Northwind.dbo.Suppliers WHERE
HomePage IS NOT NULL;
```

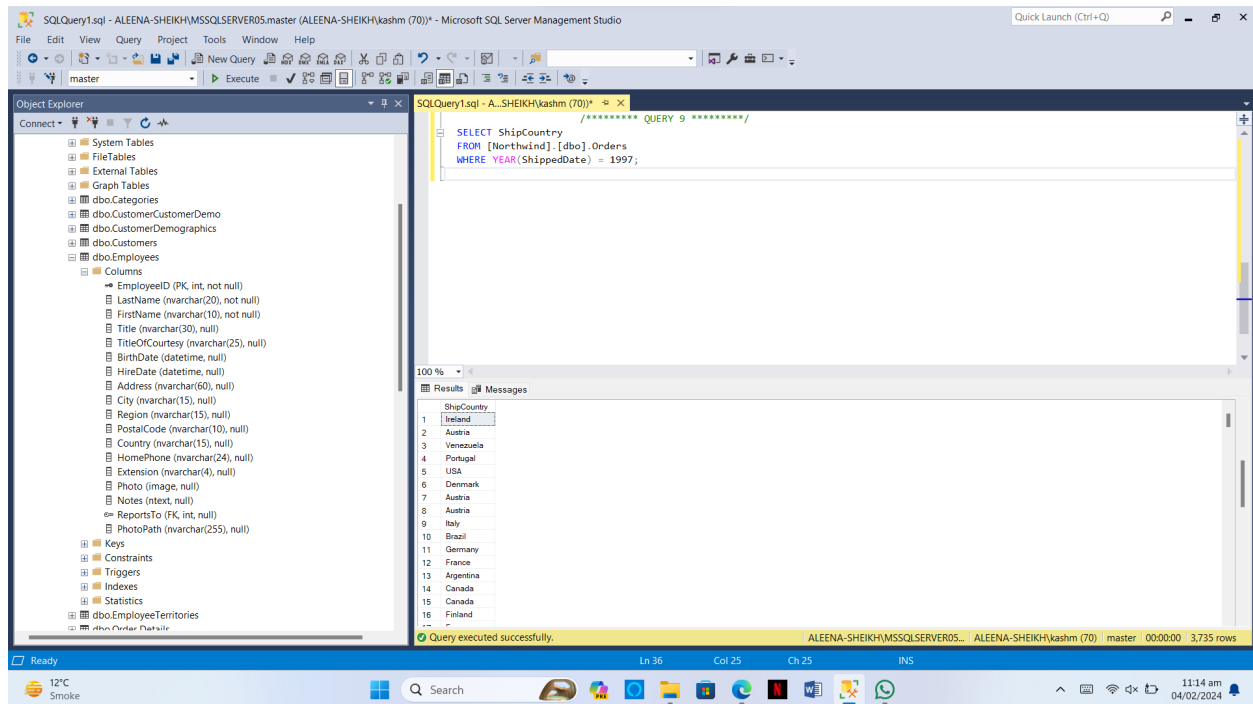



Question 09:

In which countries, products were sold in year 1997.

Query:

```
SELECT ShipCountry FROM Northwind.dbo.Orders WHERE YEAR(ShippedDate)
= 1997;
```

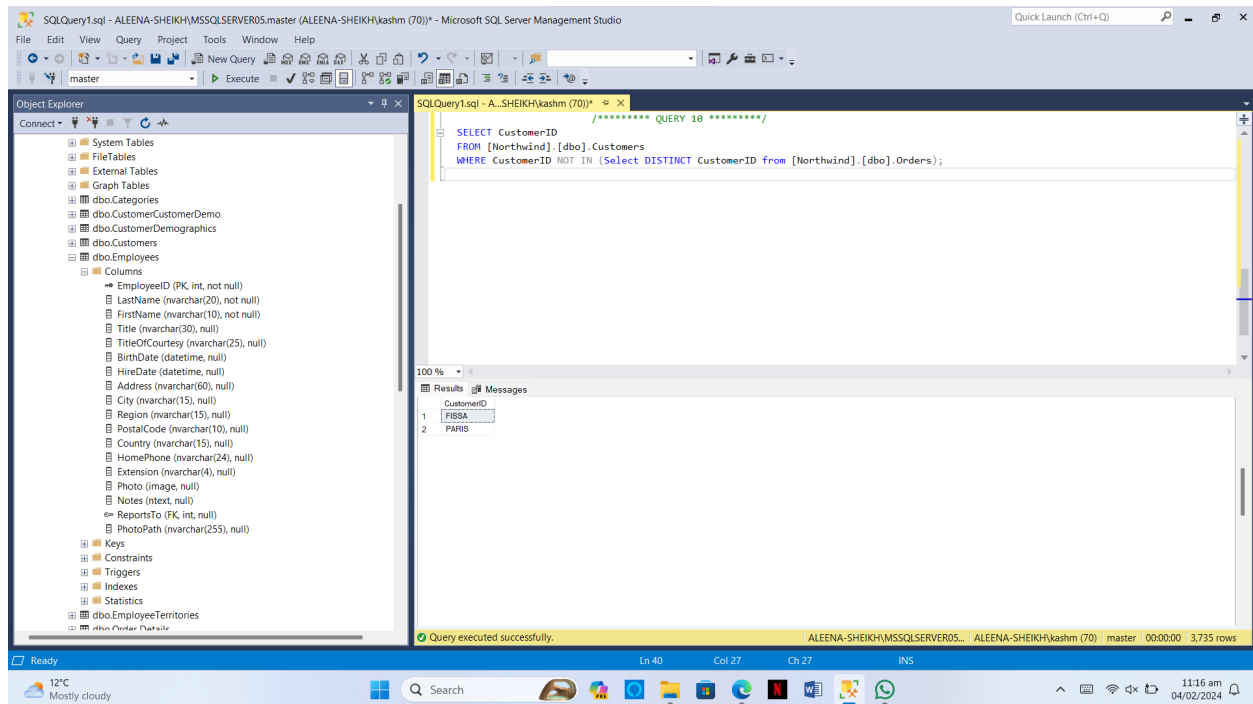


Question 10:

List the ids of customers whose orders were never shipped.

Query:

```
SELECT CustomerID FROM Northwind.dbo.Customers WHERE CustomerID
NOT IN (Select DISTINCT CustomerID from Northwind.dbo.Orders);
```

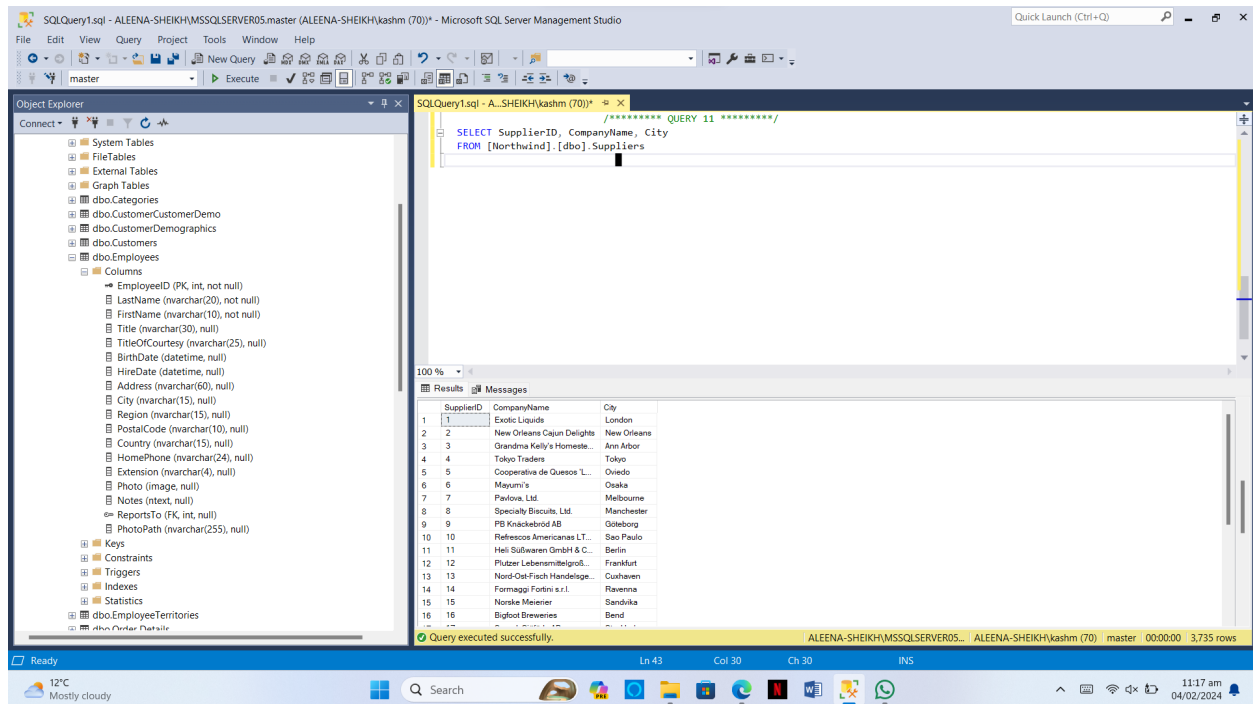


Question 11:

Write a query to report suppliers with their id, company name and city.

Query:

SELECT SupplierID, CompanyName, City FROM Northwind.dbo.Suppliers;

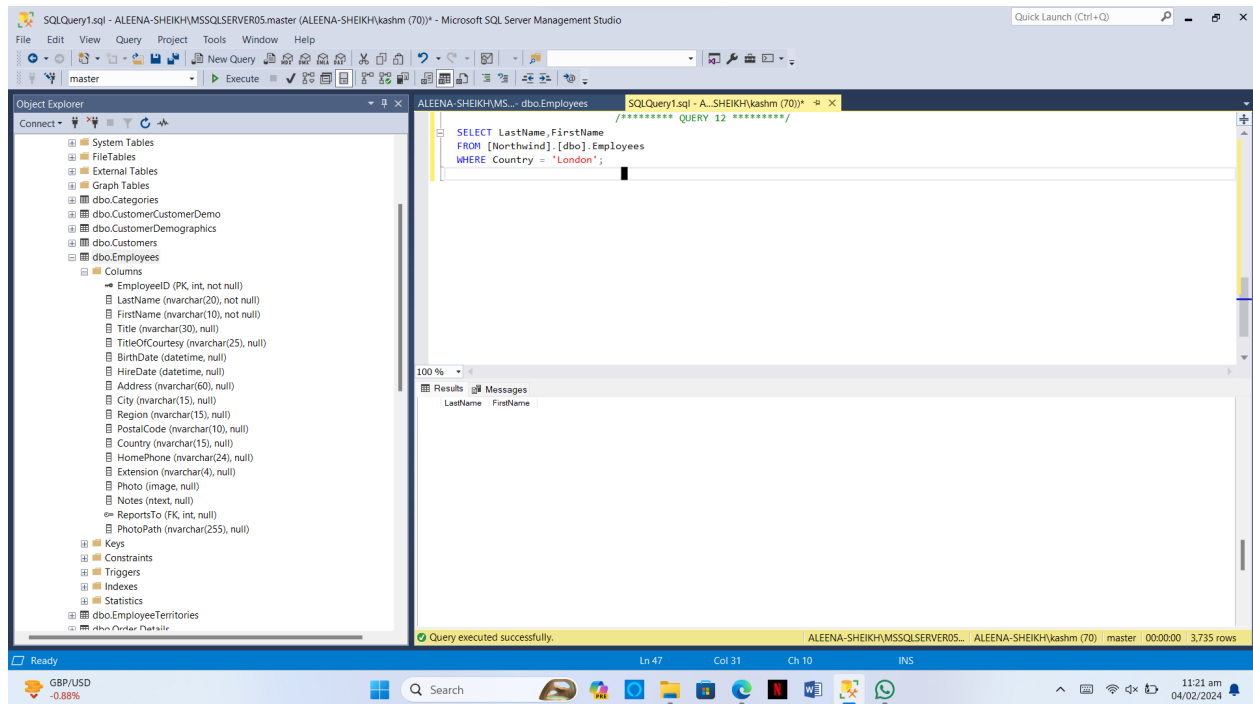


Question 12:

Our employees belong to how many countries. List them who are used to live in London.

Query:

```
SELECT LastName,FirstName FROM Northwind.dbo.Employees WHERE
Country = 'London';
```

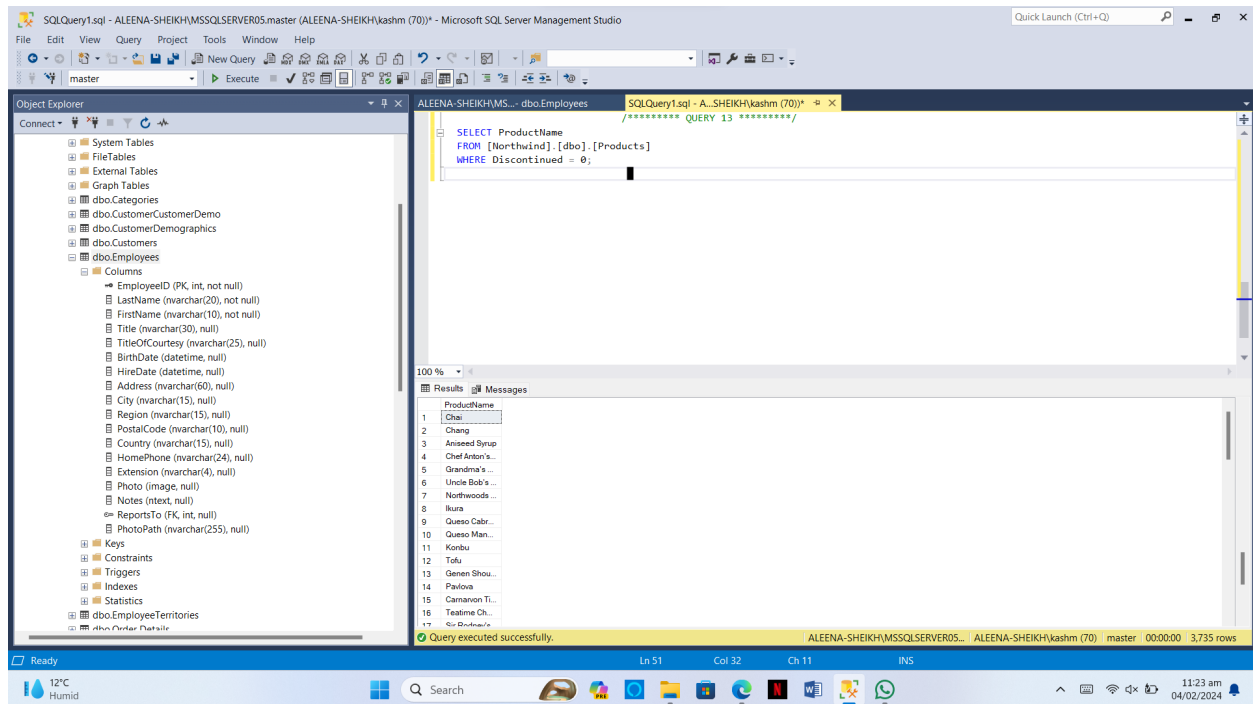


Question 13:

List the names of products which have not been discontinued.

Query:

```
SELECT ProductName FROM Northwind.dbo.Products WHERE Discontinued = 0;
```

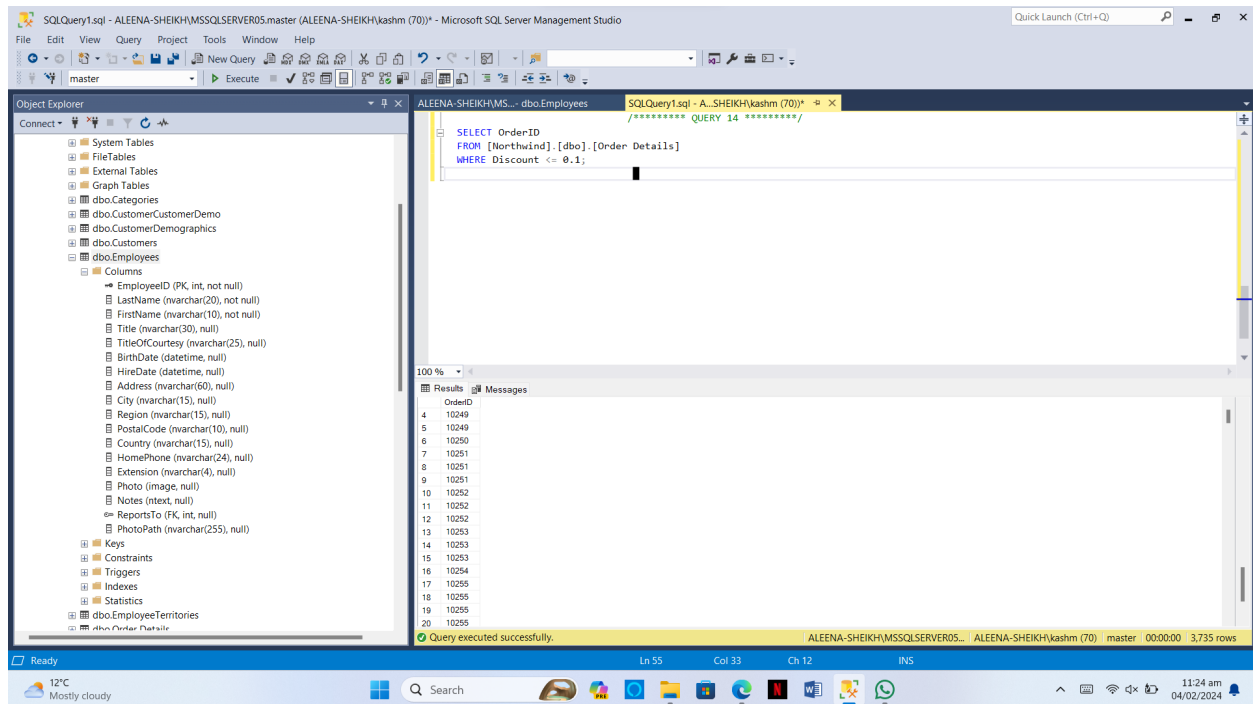


Question 14:

List the IDs the orders on which discount was 0.1 or less.

Query:

```
SELECT OrderID FROM Northwind.dbo.Order Details WHERE Discount <= 0.1;
```



Question 15:

Enlist the IDS, names of employees and their contact number with extensions who have not specified their region.

Query:

```
SELECT EmployeeID, LastName, FirstName, HomePhone, Extension FROM
Northwind.dbo.Employees WHERE Region IS NULL;
```

SQLQuery2.sql - ALEENA-SHEIKH\MSSQLSERVER05.master (ALEENA-SHEIKH\kashm (53))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect master

Object Explorer

- System Tables
- FileTables
- External Tables
- Graph Tables
- dbo.Categories
- dbo.CustomerCustomerDemo
- dbo.CustomerDemographics
- dbo.Customers
- dbo.Employees
 - Columns
 - EmployeeID (PK, int, not null)
 - LastName (nvarchar(20), not null)
 - FirstName (nvarchar(10), not null)
 - Title (nvarchar(30), null)
 - TitleOfCourtesy (nvarchar(25), null)
 - BirthDate (datetime, null)
 - HireDate (datetime, null)
 - Address (nvarchar(60), null)
 - City (nvarchar(15), null)
 - Region (nvarchar(15), null)
 - PostalCode (nvarchar(10), null)
 - Country (nvarchar(15), null)
 - HomePhone (nvarchar(24), null)
 - Extension (nvarchar(4), null)
 - Photo (image, null)
 - Notes (ntext, null)
 - ReportsTo (FK, int, null)
 - PhotoPath (nvarchar(255), null)
 - Keys
 - Constraints
 - Triggers
 - Indexes
 - Statistics
- dbo.EmployeeTerritories
- dbo.Order Details

SQLQuery2.sql - A..SHEIKH\kashm (53)*

```
SELECT EmployeeID, LastName, FirstName, HomePhone, Extension
FROM [Northwind].[dbo].Employees
WHERE Region IS NULL;
```

SQLQuery1.sql - A..SHEIKH\kashm (70)*

***** QUERY 15 *****

100 %

Results Messages

	EmployeeID	LastName	FirstName	HomePhone	Extension
1	5	Buchanan	Steven	(71) 555-4848	3453
2	6	Suyama	Michael	(71) 555-7773	428
3	7	King	Robert	(71) 555-5598	465
4	9	Dodsworth	Anne	(71) 555-4444	452

Query executed successfully.

ALEENA-SHEIKH\MSSQLSERVER05... ALEENA-SHEIKH\kashm (53) master 00:00:00 4 rows

Ready

12°C Mostly cloudy

Search

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11:25 am 04/02/2024