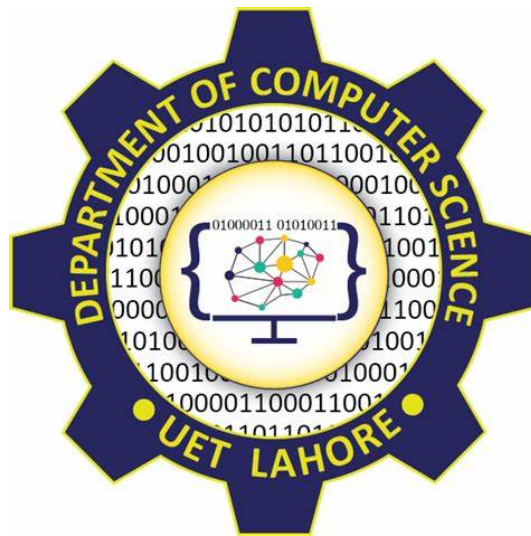


DATABASE SYSTEMS

LAB 3

Submitted To

Sir Nazeef ul Haq



Submitted By

Muhammad Jilani
2022-CS-192

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0.1 Task 01

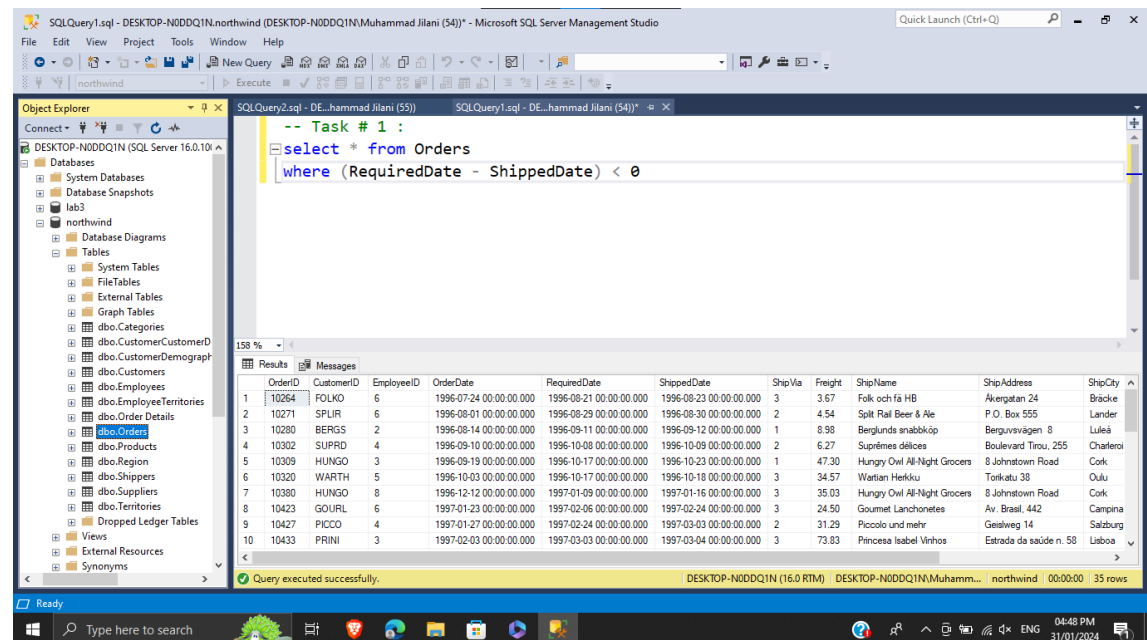
Question :

Write a query to report orders which were delayed shipped.

Query :

```
select *
from Orders
where (RequiredDate - ShippedDate) < 0
```

Picture:



0.2 Task 02

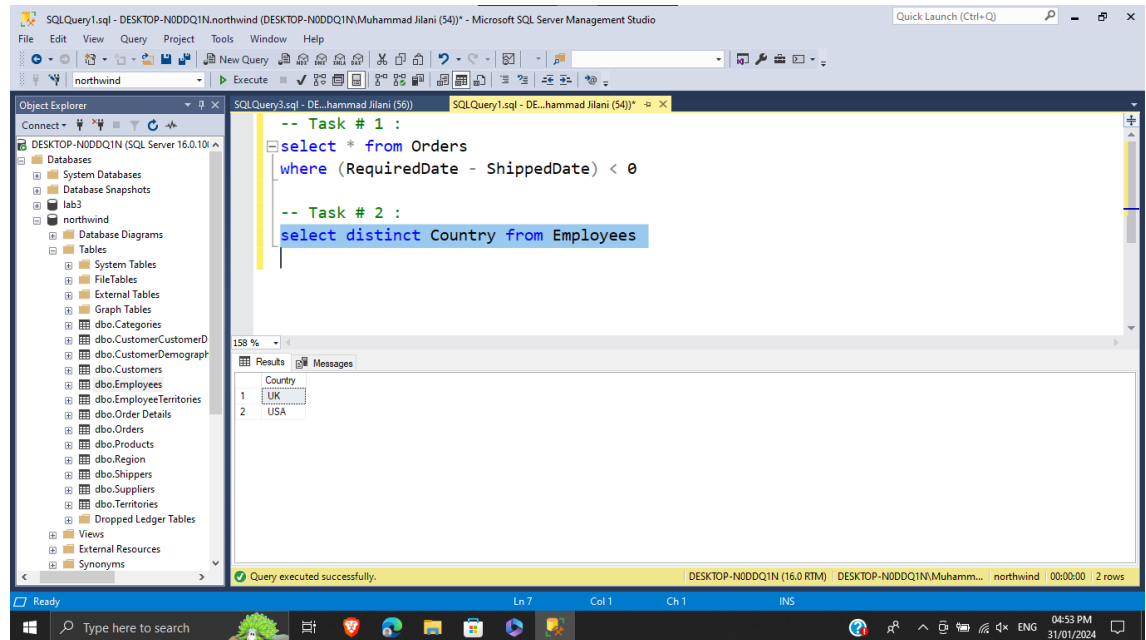
Question :

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

Query :

```
select distinct Country
from Employees
```

Picture:



0.3 Task 03

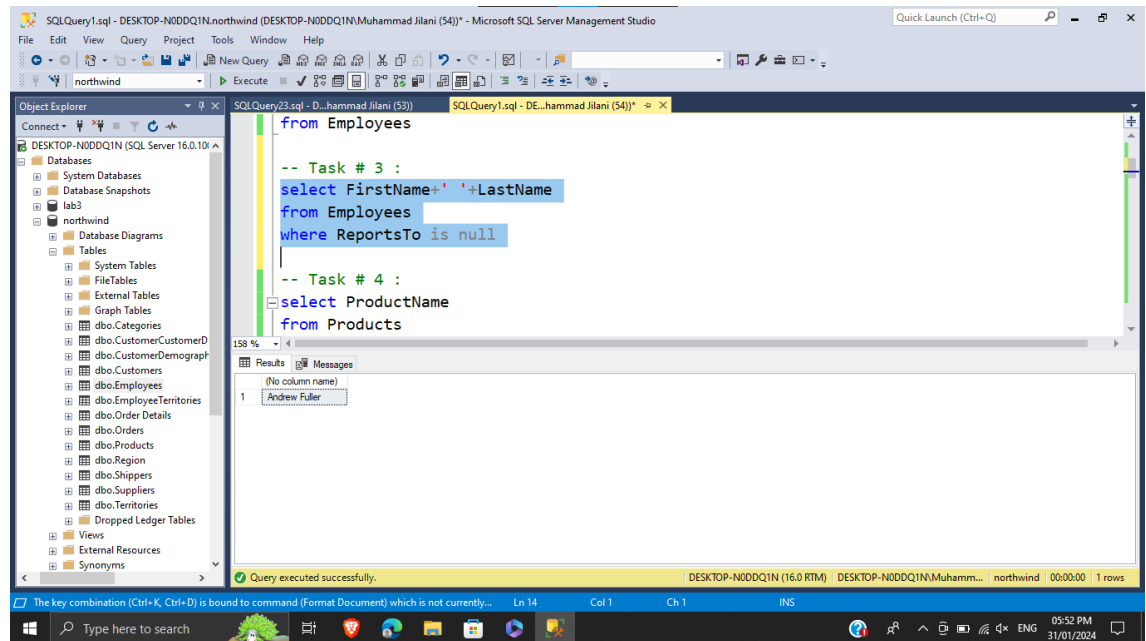
Question :

Is there any employee who is not accountable?

Query :

```
select FirstName+' '+LastName
from Employees
where ReportsTo is null
```

Picture:



0.4 Task 04

Question :

List the names of products which have been discontinued.

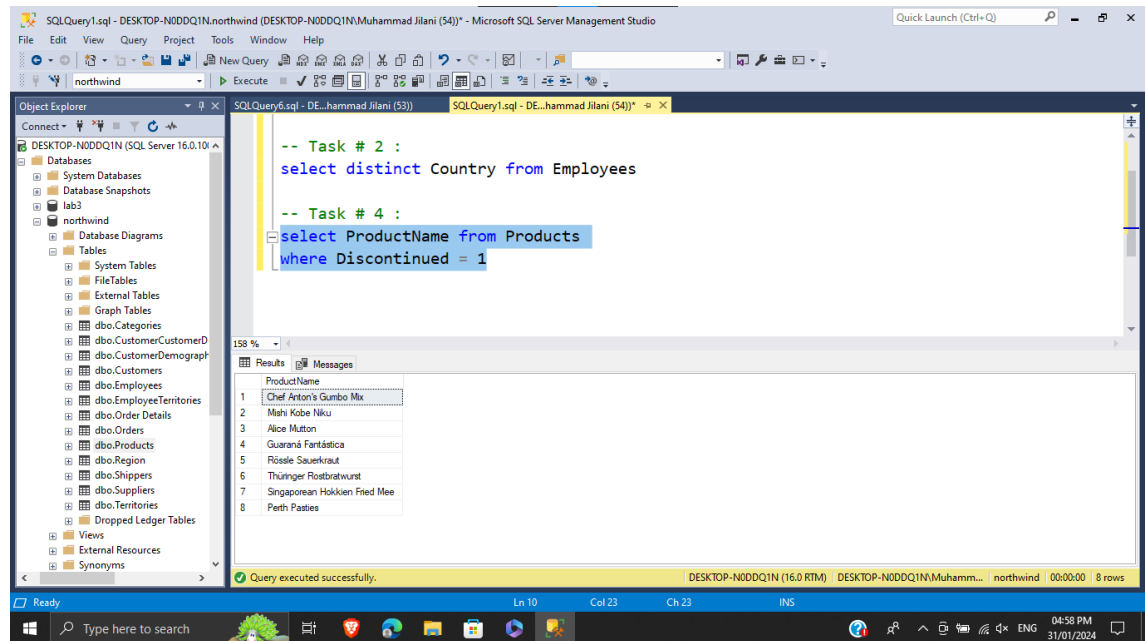
Query :

```

select ProductName
from Products
where Discontinued = 1

```

Picture:



0.5 Task 05

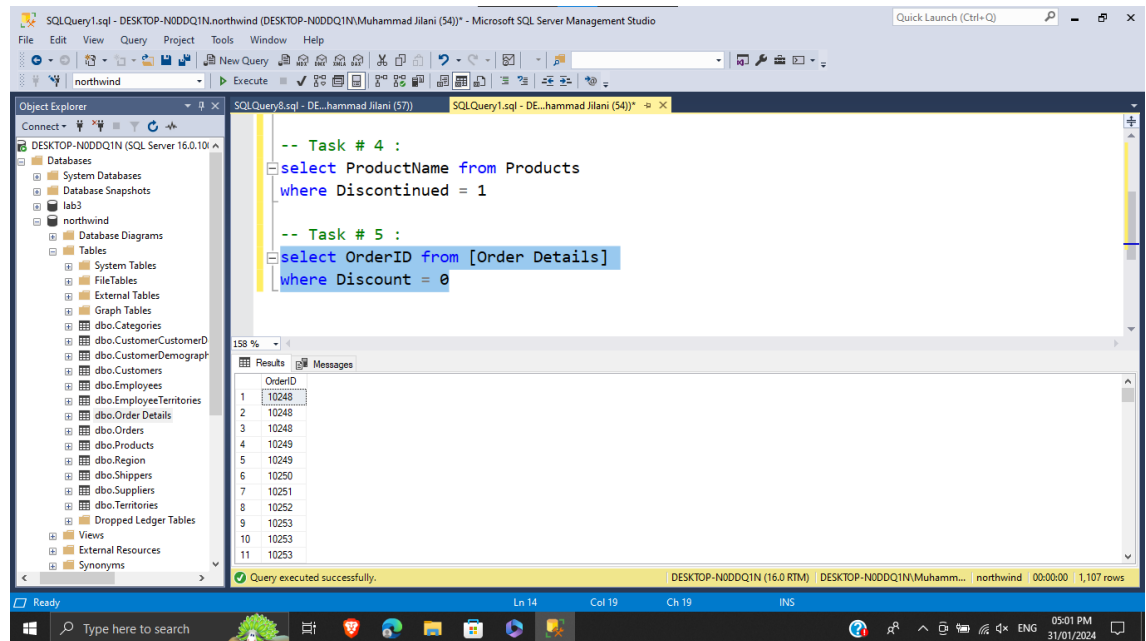
Question :

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

Query :

```
select OrderID
from [Order Details]
where Discount = 0
```

Picture:



0.6 Task 06

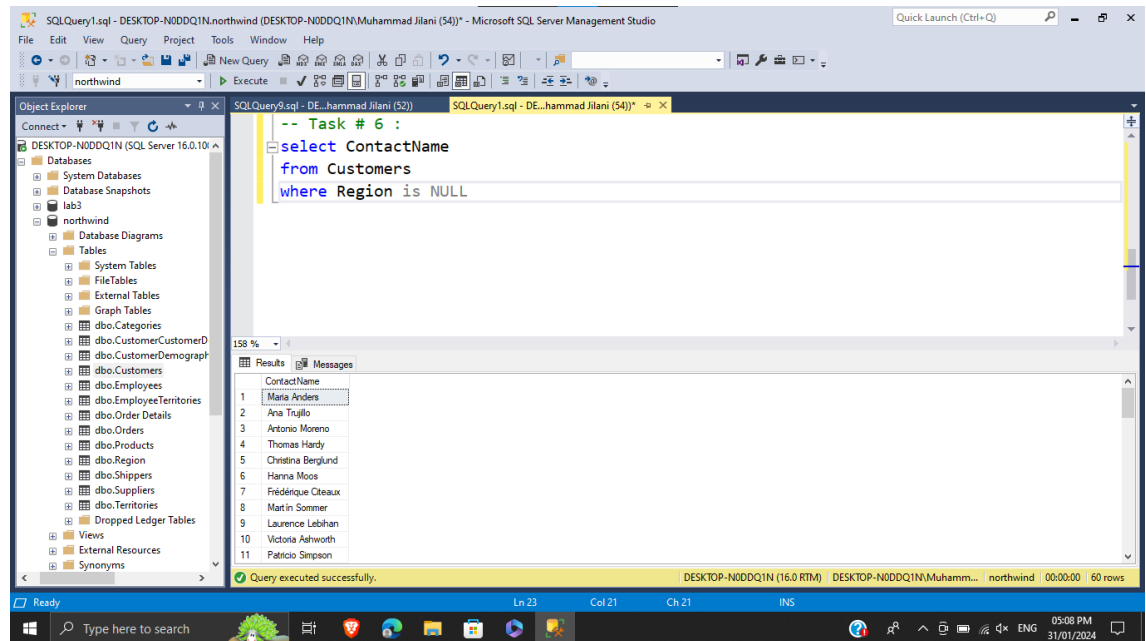
Question :

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

Query :

```
select ContactName
from Customers
where Region is NULL
```

Picture:



0.7 Task 07

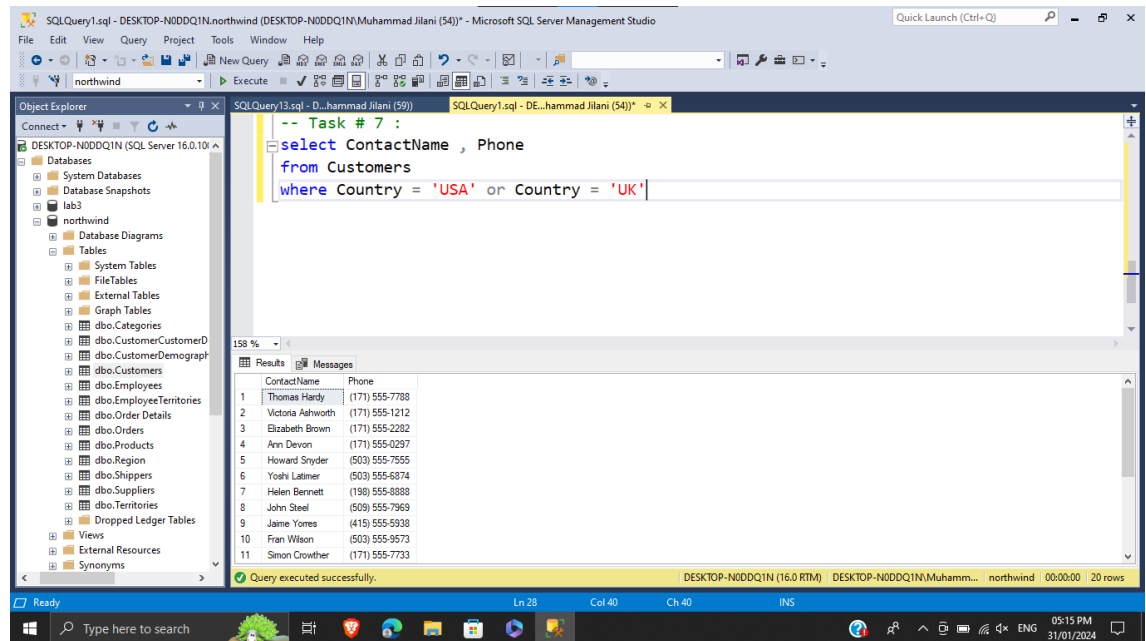
Question :

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

Query :

```
select ContactName , Phone
from Customers
where Country = 'USA' or Country = 'UK'
```

Picture:



0.8 Task 08

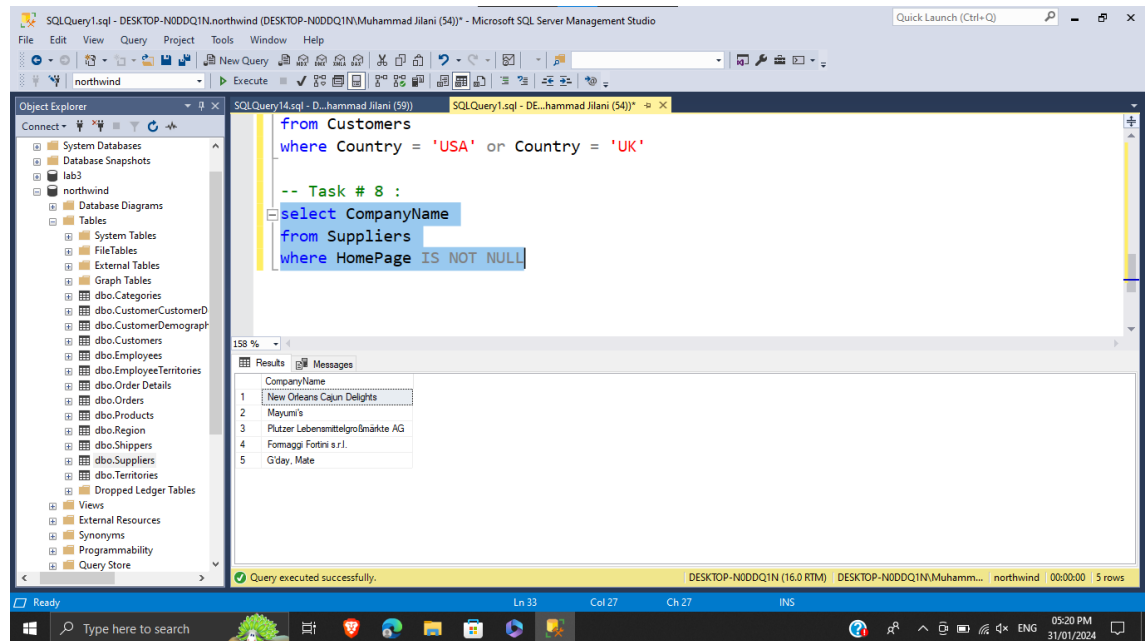
Question :

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

Query :

```
select CompanyName
from Suppliers
where HomePage IS NOT NULL
```

Picture:



0.9 Task 09

Question :

In which countries, products were sold in year 1997.

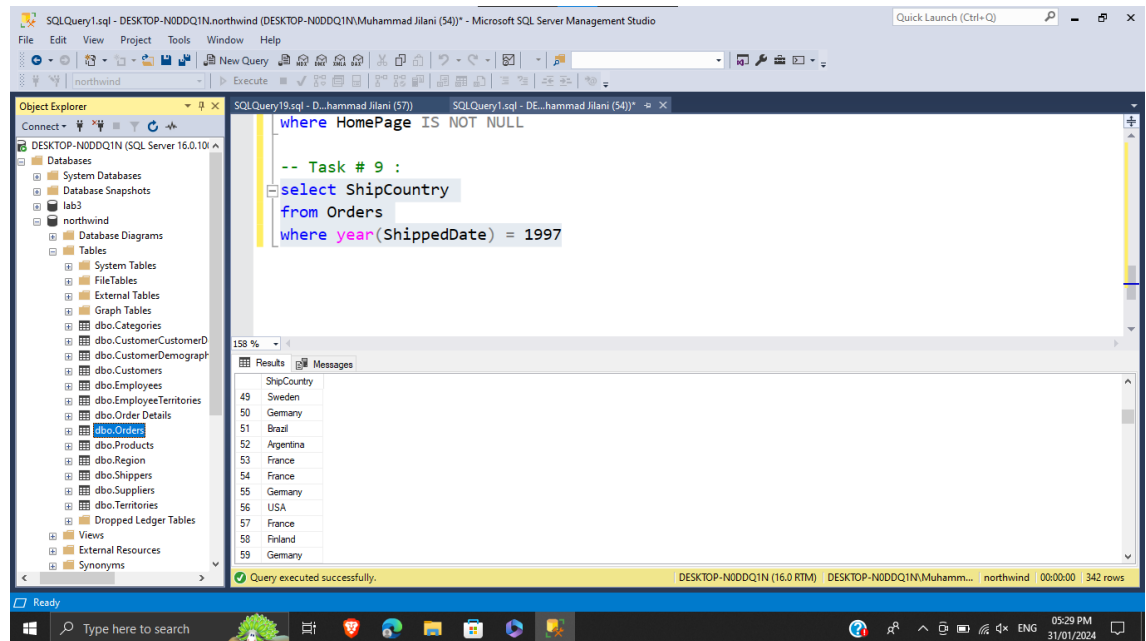
Query :

```

select ShipCountry
from Orders
where year(ShippedDate) = 1997

```

Picture:



0.10 Task 10

Question :

List the ids of customers whose orders were never shipped.

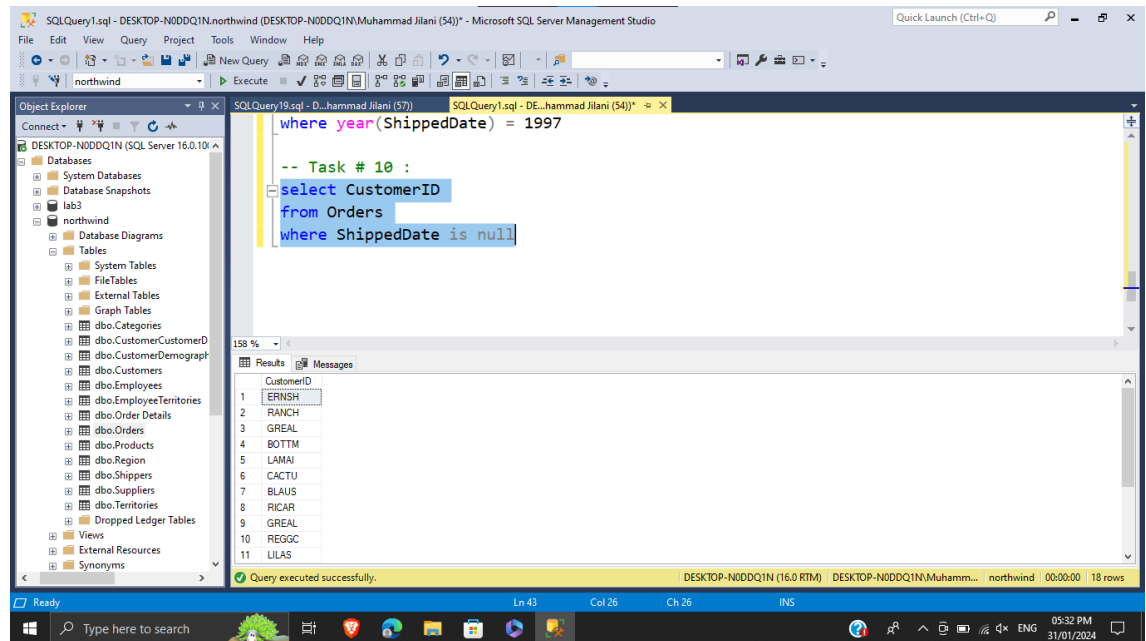
Query :

```

select CustomerID
from Orders
where ShippedDate is null

```

Picture:



0.11 Task 11

Question :

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

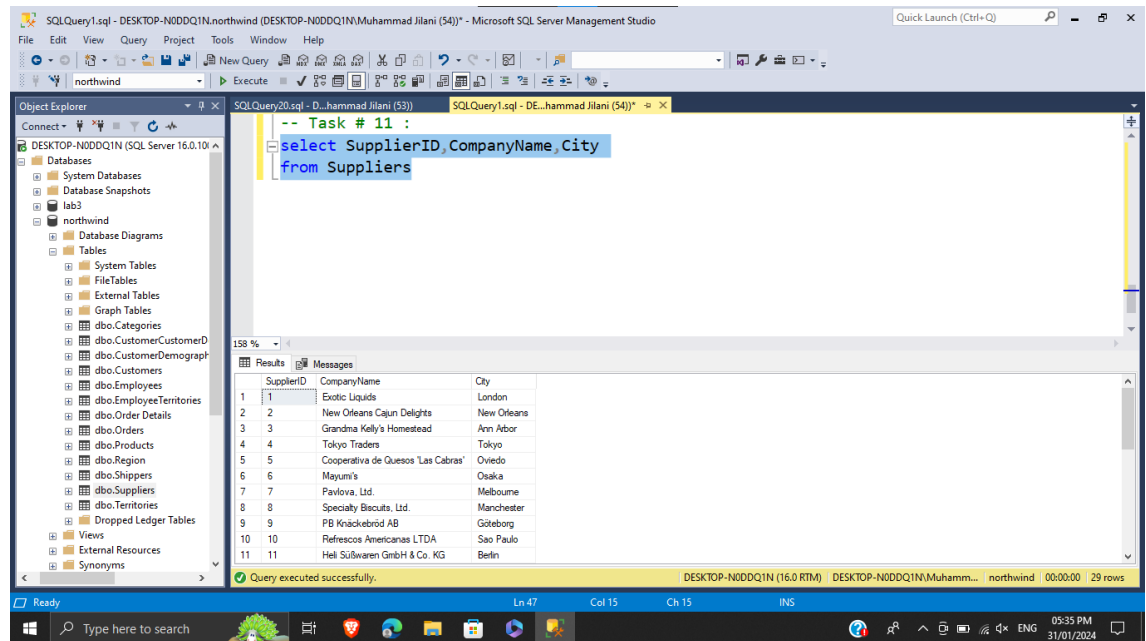
Query :

```

select SupplierID,CompanyName,City
from Suppliers

```

Picture:



0.12 Task 12

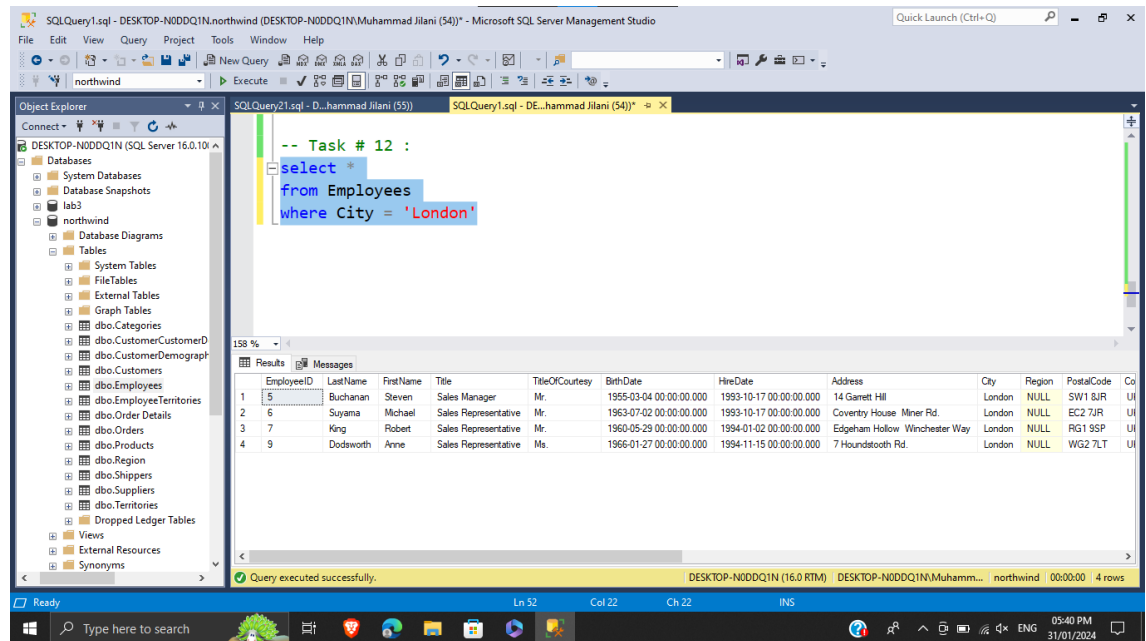
Question :

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

Query :

```
select *
from Employees
where City = 'London'
```

Picture:



0.13 Task 13

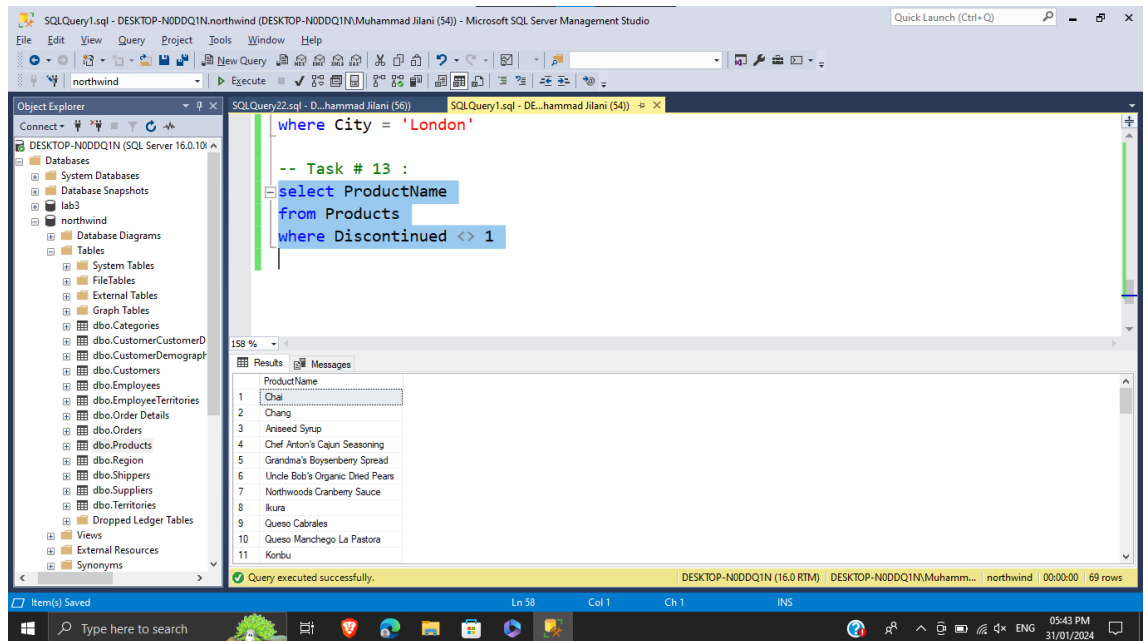
Question :

List the names of products which have not been discontinued.

Query :

```
select ProductName
from Products
where Discontinued <> 1
```

Picture:



0.14 Task 14

Question :

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

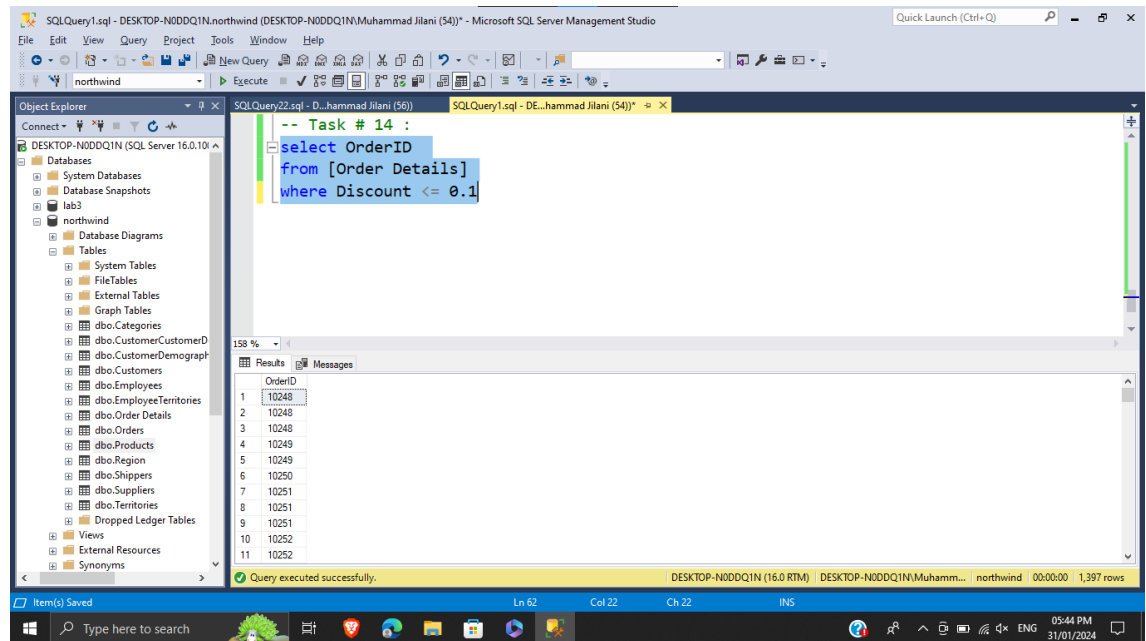
Query :

```

select OrderID
from [Order Details]
where Discount <= 0.1

```

Picture:



0.15 Task 15

Question :

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

Query :

```
select EmployeeID, FirstName+' '+LastName, HomePhone, Extension
from Employees
where Region is null
```

Picture:

SQLQuery1.sql - DESKTOP-N0DDQ1N.northwind (DESKTOP-N0DDQ1N\Muhammad Jilani (54)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Execute

Object Explorer

Connect

DESKTOP-N0DDQ1N (SQL Server 16.0.101)

Databases

System Databases

Database Snapshots

lab3

northwind

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.Categories

dbo.CustomerCustomerD

dbo.CustomerDemograph

dbo.Customers

dbo.Employees

dbo.EmployeeTerritories

dbo.Order Details

dbo.Orders

dbo.Products

dbo.Region

dbo.Shippers

dbo.Suppliers

dbo.Territories

Dropped Ledger Tables

Views

External Resources

Synonyms

SQLQuery23.sql - D...hammad Jilani (53)

SQLQuery1.sql - DE...hammad Jilani (54)

-- Task # 15 :
select EmployeeID, FirstName+' '+LastName, HomePhone, Extension
from Employees
where Region is null

158 %

Results Messages

	EmployeeID	(No column name)	HomePhone	Extension
1	5	Steven Buchanan	(71) 555-4848	3453
2	6	Michael Suyama	(71) 555-7773	428
3	7	Robert King	(71) 555-5598	465
4	9	Anne Dodsworth	(71) 555-4444	452

Query executed successfully.

DESKTOP-N0DDQ1N (16.0 RTM) DESKTOP-N0DDQ1N\Muhamm... northwind 00:00:00 4 rows

Ready

Type here to search

Ln 67 Col 21 Ch 21 INS

05:48 PM
31/01/2024