

# Database Management System

Queries Report

Session: 2022 – 2026



Submitted by:  
ALEENA SHEIKH 2022-CS-130

Supervised by:  
Prof. NAZEEF

Department of Computer Science  
**University of Engineering and Technology**  
Lahore

# Lab 03 Home Task Queries

## 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;
```

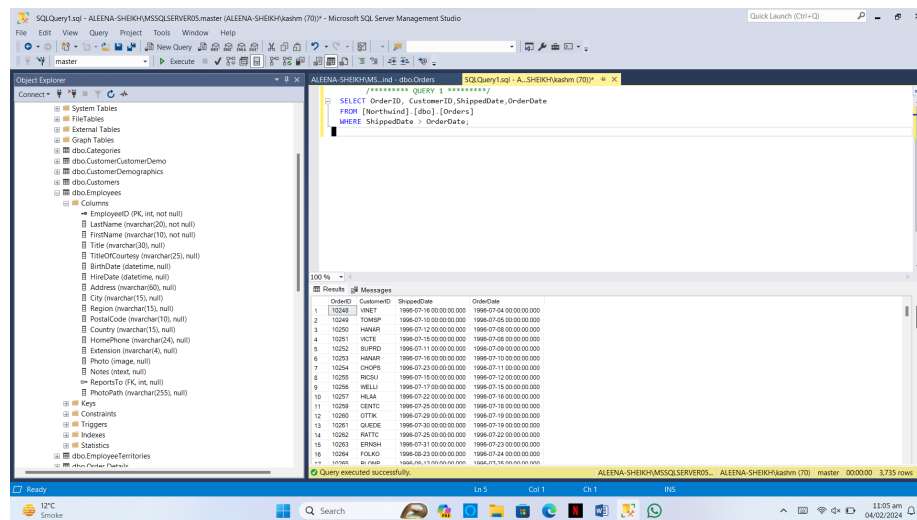


Figure 1: Query 01

## Question 02

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

Query:

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

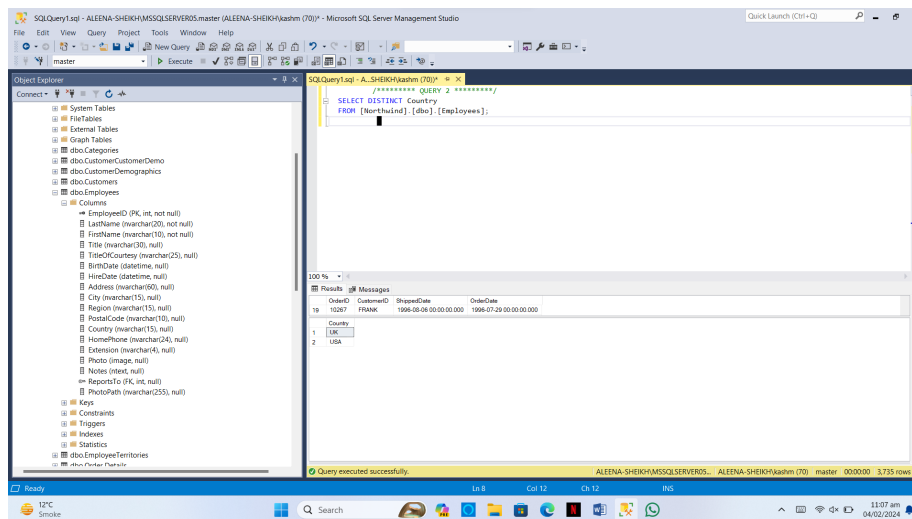


Figure 2: Query 02

### Question 03

Is there any employee who is not accountable?

Query:

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

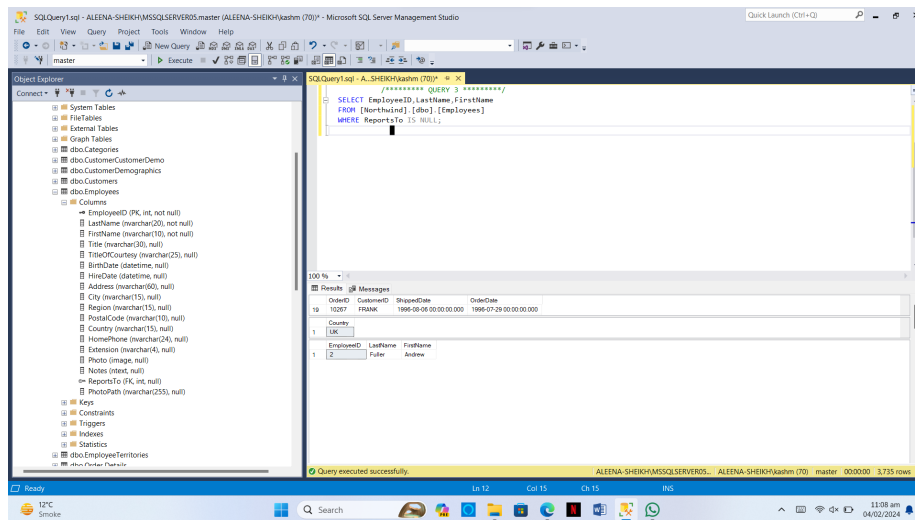


Figure 3: Query 03

## Question 04

List the names of products which have been discontinued.

Query:

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

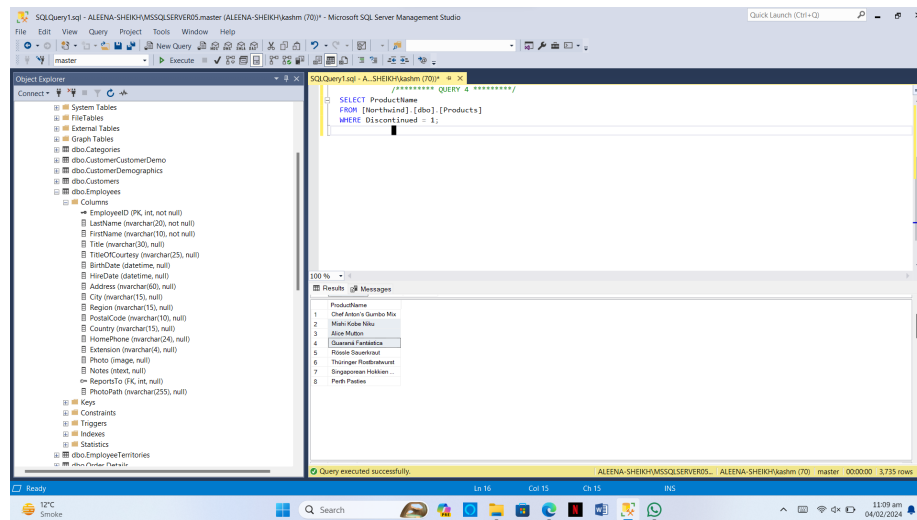


Figure 4: Query 04

## Question 05

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

Query:

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

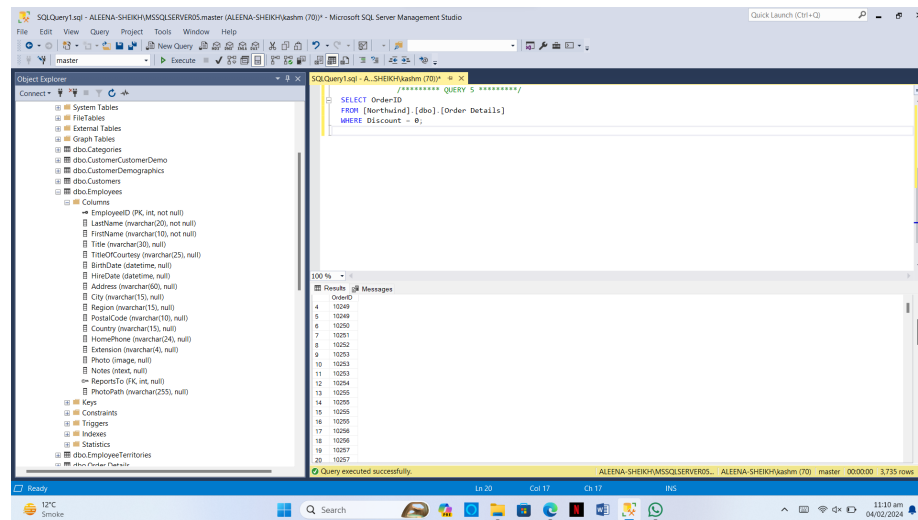


Figure 5: Query 05

## Question 06

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

Query:

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

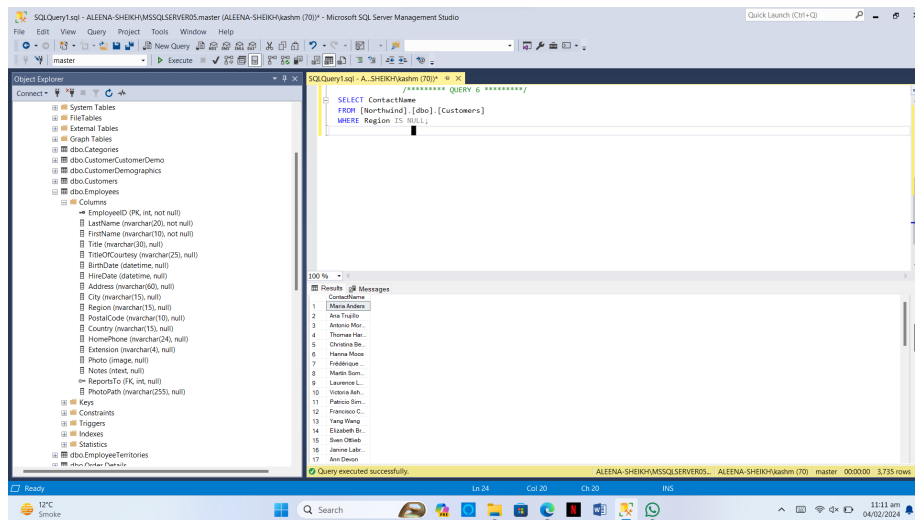


Figure 6: Query 06

## 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';
```

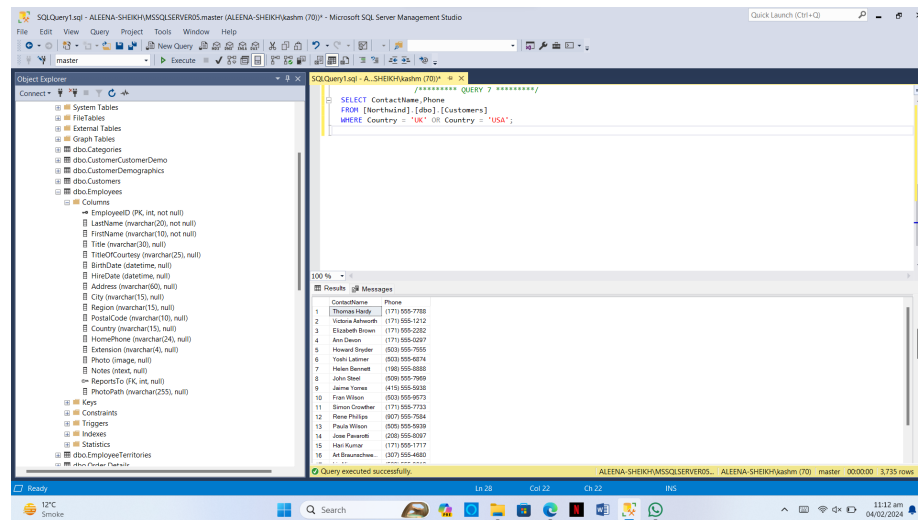


Figure 7: Query 07



## 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;
```

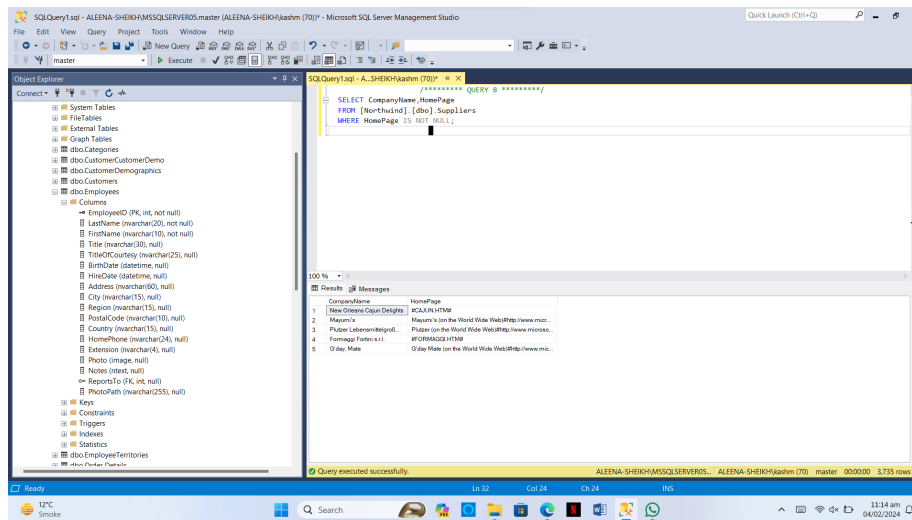


Figure 8: Query 08

## Question 09

In which countries, products were sold in year 1997.

Query:

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

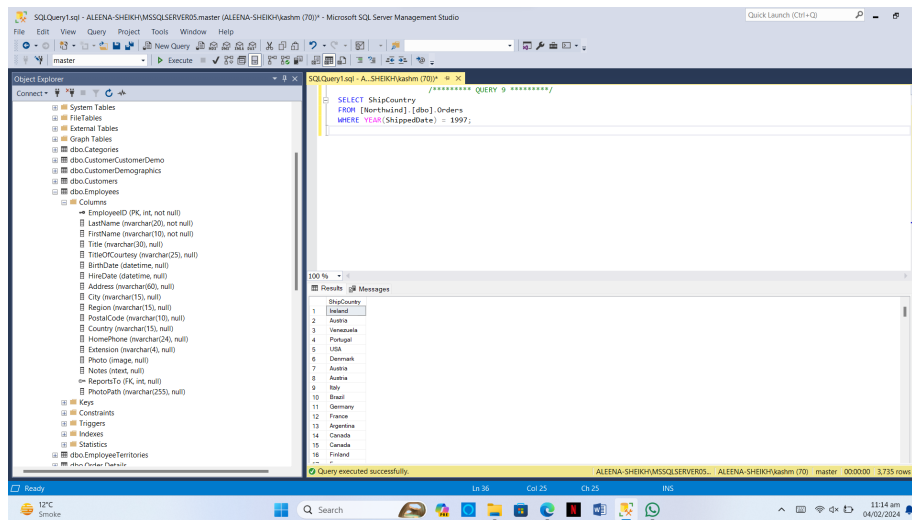


Figure 9: Query 09

## 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);
```

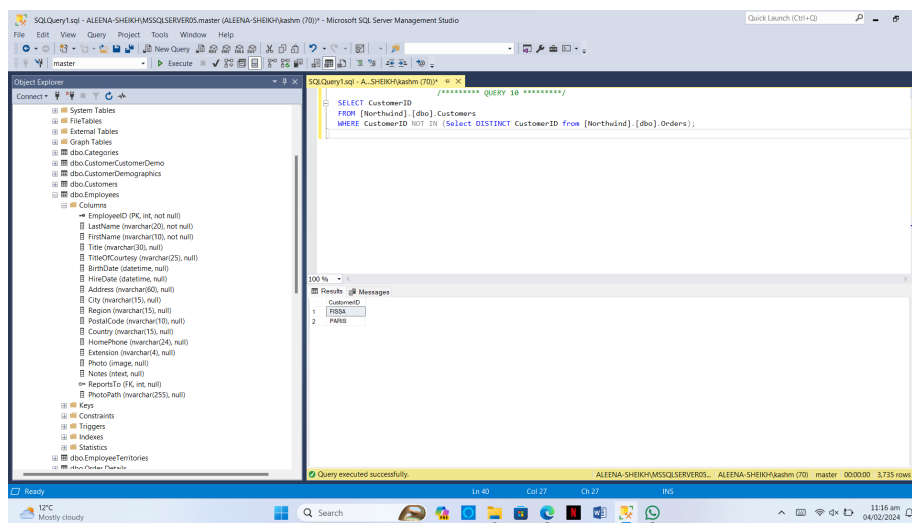


Figure 10: Query 10

## Question 11

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

Query:

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

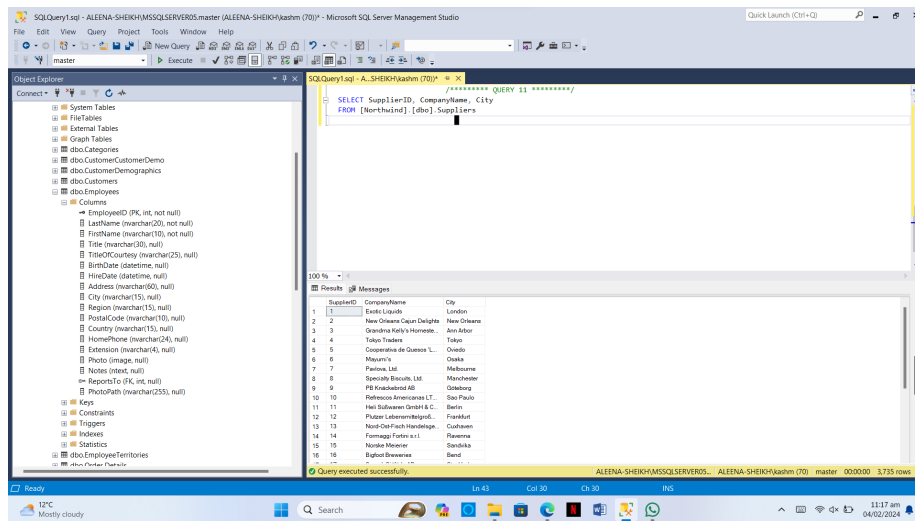


Figure 11: Query 11

## 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';
```

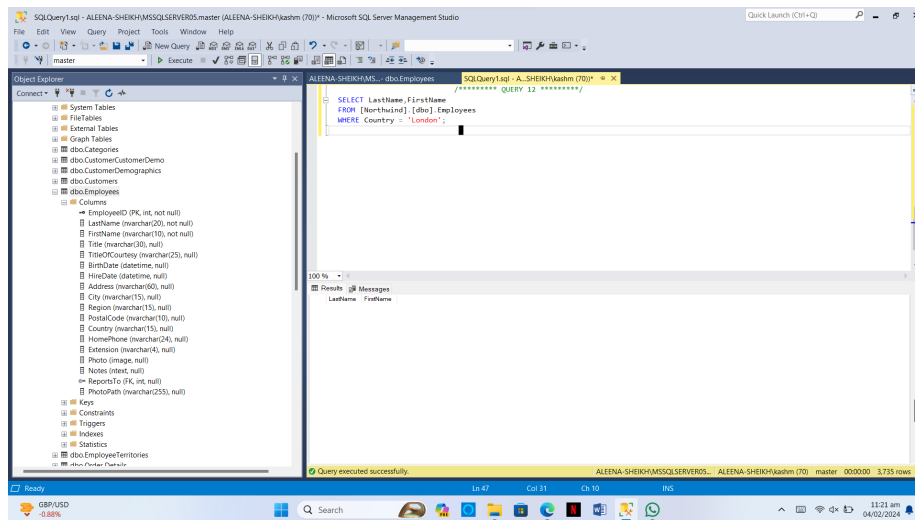


Figure 12: Query 12

## Question 13

List the names of products which have not been discontinued.

Query:

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

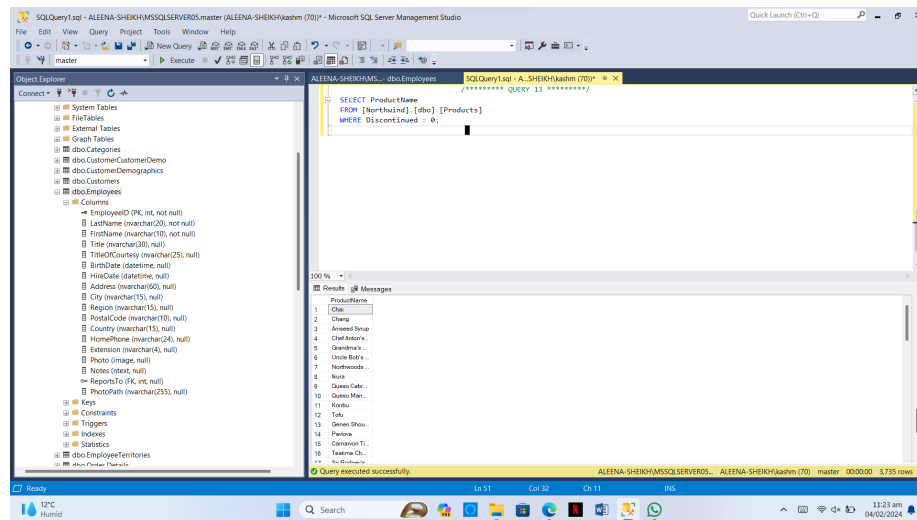


Figure 13: Query 13

## 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;
```

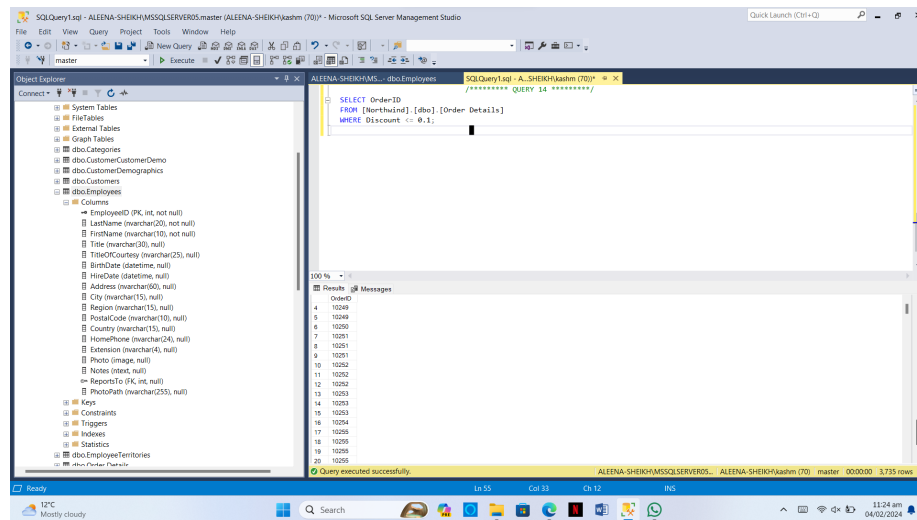


Figure 14: Query 14

## 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;
```

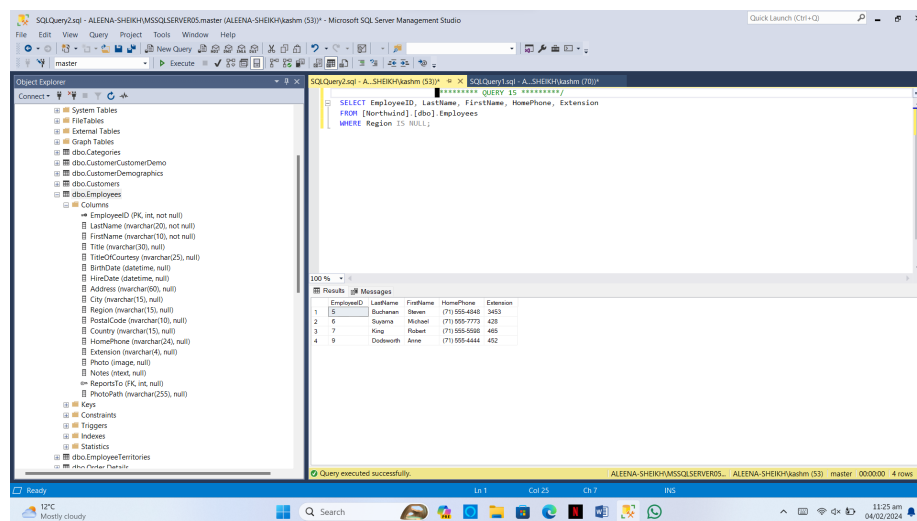


Figure 15: Query 15