Task1: Write an SQL query that selects records that have matching values in both tables.

/* Question # 01 */

SELECT Suppliers.*, Products.* FROM Suppliers

INNER JOIN Products

ON Suppliers.SupplierID = Products.SupplierID

order by Suppliers.SupplierID;

Task2: Write an SQL query that selects all orders with customer information.

/* Question # 02 */

SELECT Orders.OrderID, Customers.*FROM Orders

Left outer JOIN Customers

ON Customers.CustomerID = Orders.CustomerID

order by Orders.OrderID;

Task3: Write an SQL Query that select all shipper ids, and any orders they might have.

/* Question # 03 */

SELECT Shippers.shipperID, Shippers.CompanyName, Shippers.Phone,

orders.OrderID, orders.CustomerID, orders.EmployeeID, orders.OrderDate, orders.ShipVia

FROM Shippers

RIGHT JOIN orders

ON Shippers.ShipperID = Orders.ShipVia

ORDER BY Shippers.ShipperID;

Task4: Write an SQL Query that return all employees, and any orders they might have placed.

/* Question # 04 */

SELECT Employees.* , Orders.OrderID from Employees

left outer join Orders

ON Employees.EmployeeID = Orders.EmployeeID

order by Employees.EmployeeID;

Task5: Write an SQL query that selects all customers, and all orders

/* Question # 05 */

Select Customers.* , Orders.* from Customers

full outer join Orders

on customers.CustomerID = orders.CustomerID;

Task6: Write an SQL query that matches customers that are from the same city
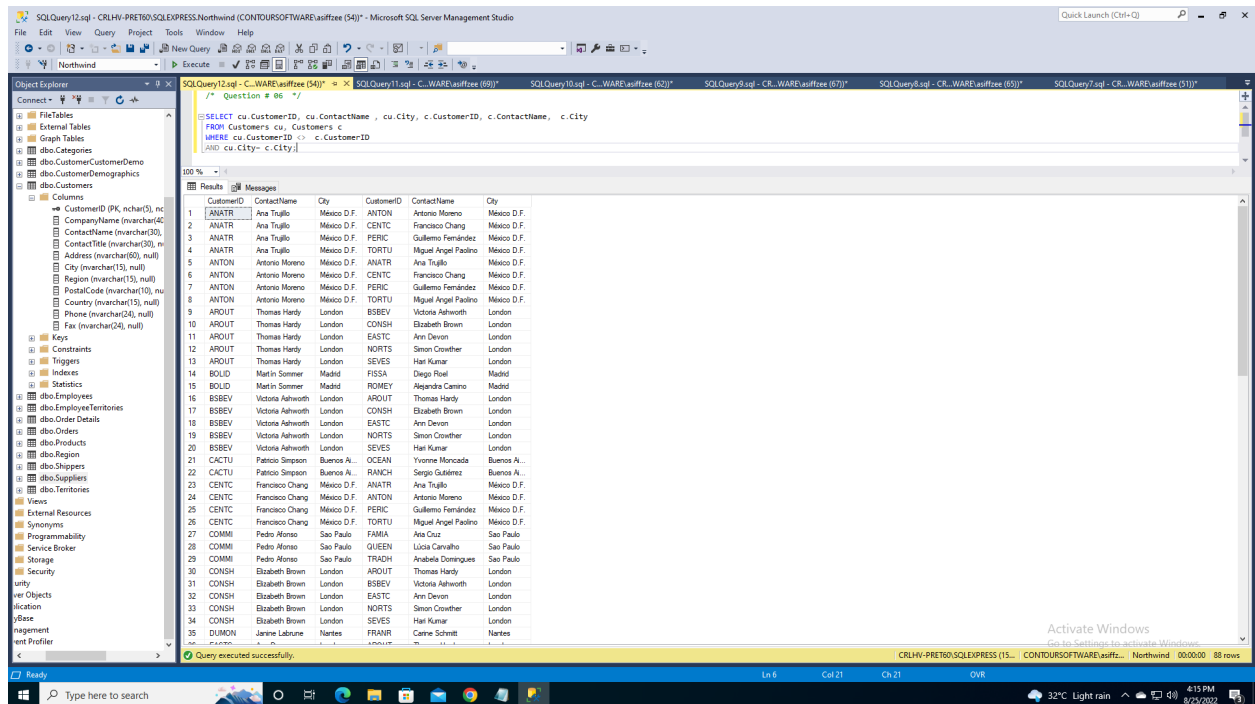
/* Question # 06 */

SELECT cu.CustomerID, cu.ContactName , cu.City, c.CustomerID, c.ContactName, c.City

FROM Customers cu, Customers c

WHERE cu.CustomerID <> c.CustomerID

AND cu.City= c.City;

Task7: Write an SQL query that returns the cities (only distinct values) from both the Customers and the Suppliers table
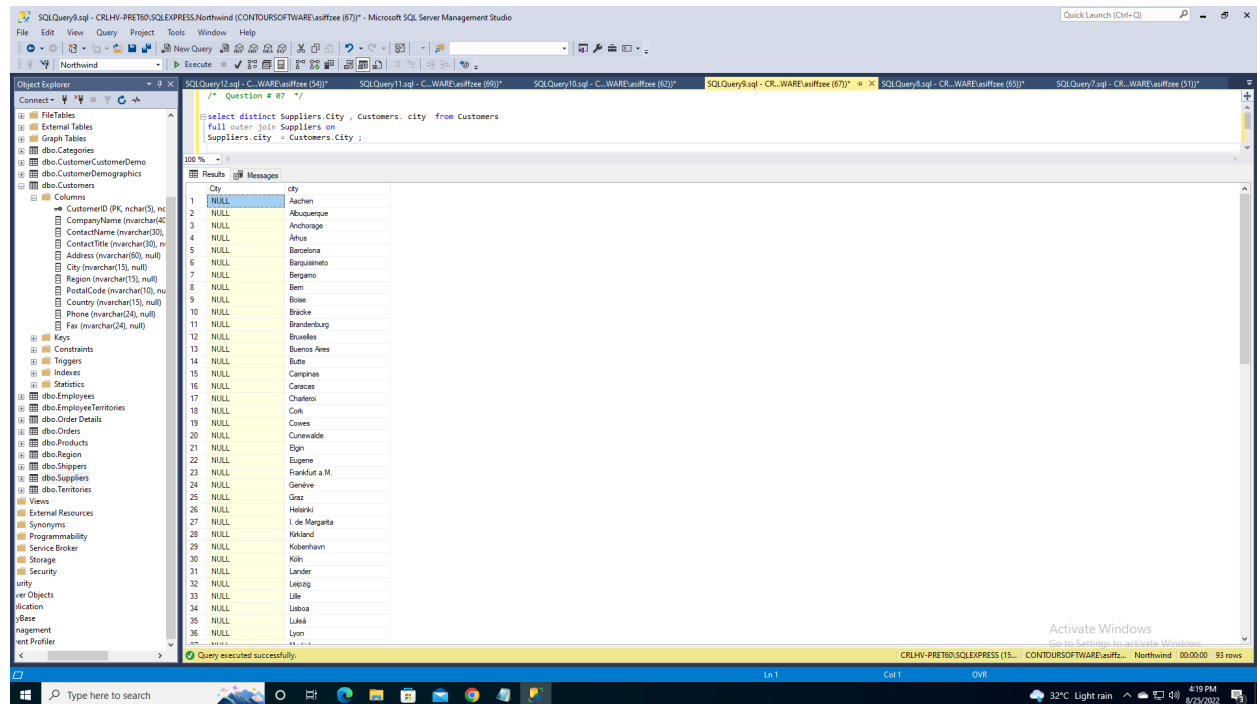
/* Question # 07 */

select distinct Suppliers.City , Customers. city from Customers

full outer join Suppliers on

Suppliers.city = Customers.City ;

Task8: Write an SQL query that lists the number of customers in each country, sorted high to low
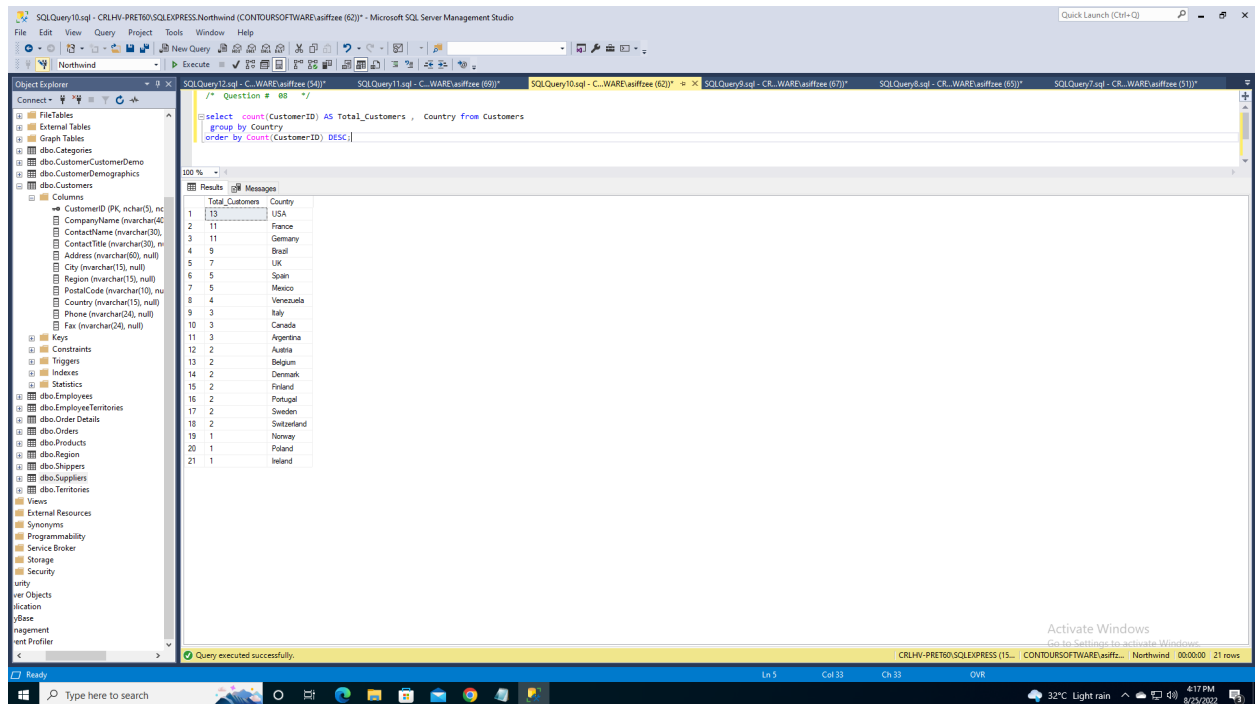
/* Question # 08 */

```sql
select  count(CustomerID) AS Total_Customers ,   Country from Customers
 group by Country
order by Count(CustomerID) DESC;
```

Task9: Write an SQL query that lists the number of customers in each country, sorted high to low (Only include countries with more than 3 customers)

/* Question # 09 */

SELECT Count(Customers.CompanyName) as Total_Customers , Customers.Country

FROM Customers
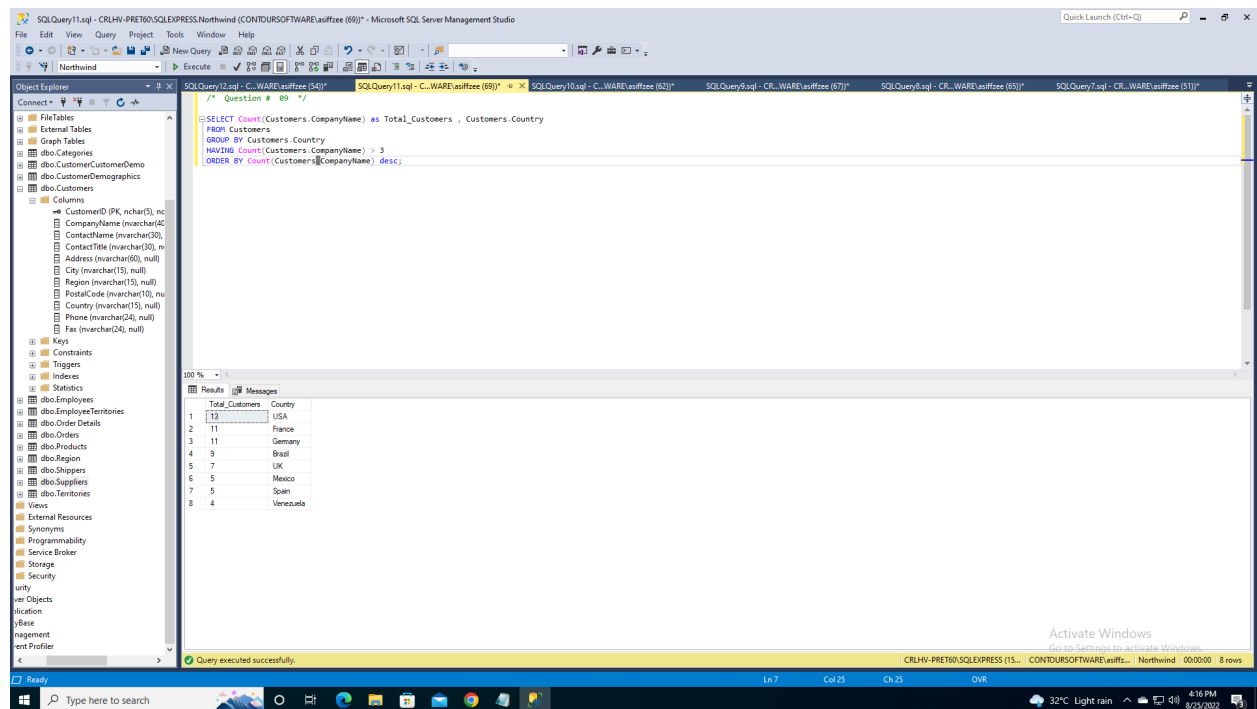
GROUP BY Customers.Country

HAVING Count(Customers.CompanyName) > 3

ORDER BY Count(Customers.CompanyName) desc;

Task10: Write an SQL query that lists the suppliers with a product price less than 20

/* Question # 10 */

Select Products.SupplierID,   Suppliers.ContactName,Products.ProductName, Products.UnitPrice from Suppliers

join Products on Suppliers.SupplierID = Products.SupplierID

where Products.UnitPrice < 20

order by Products.SupplierID asc;

Task 12: With the provided link, perform GET, PUT, POST and DELETE methods.

Get:

Post:

Put:

Delete: