Lab 5 Report

Session: 2022 − 2026

Submitted by:
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Submitted to:
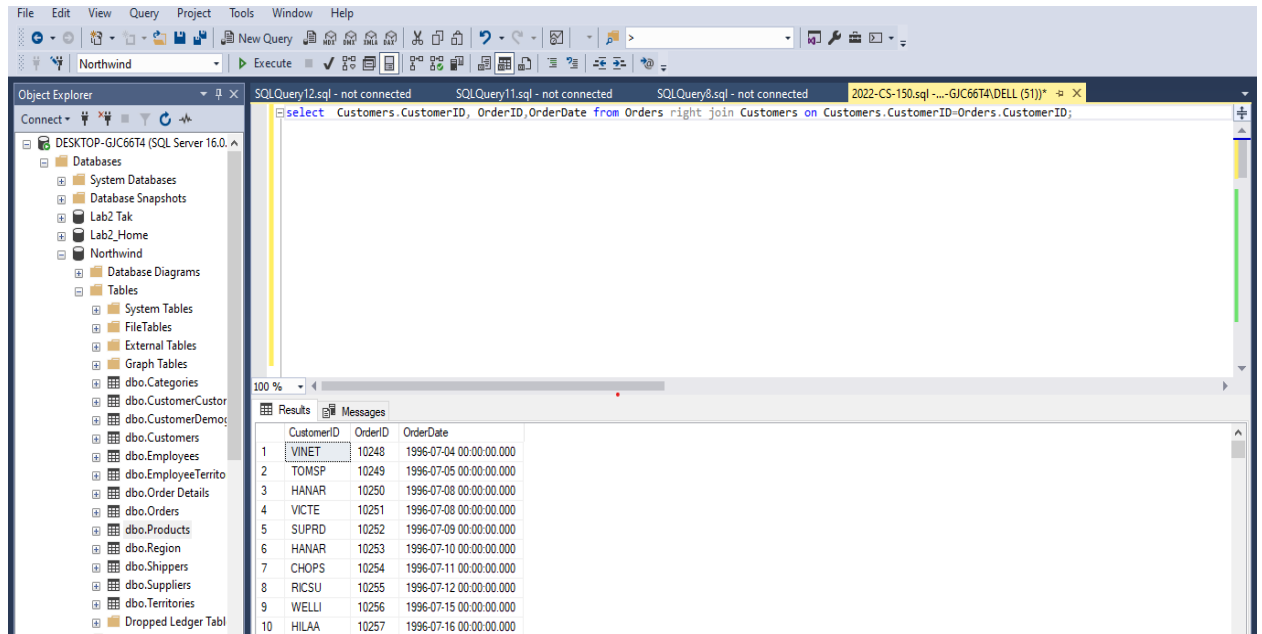Mr. Nazeef-ul-Haq
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Home Task

Q1:List name of all the products whose price is above average. (Product Name)

select Customers.CustomerID, OrderID,OrderDate from Orders right join Customers on Customers.CustomerID=Orders.CustomerID;);¿ RequiredDate;

Report only those customer IDs who never placed any order. (CustomerID, OrderID, OrderDate)

select Customers.CustomerID from Orders right join Customers on Customers.CustomerID=Orders.CustomerID where OrderID is null;
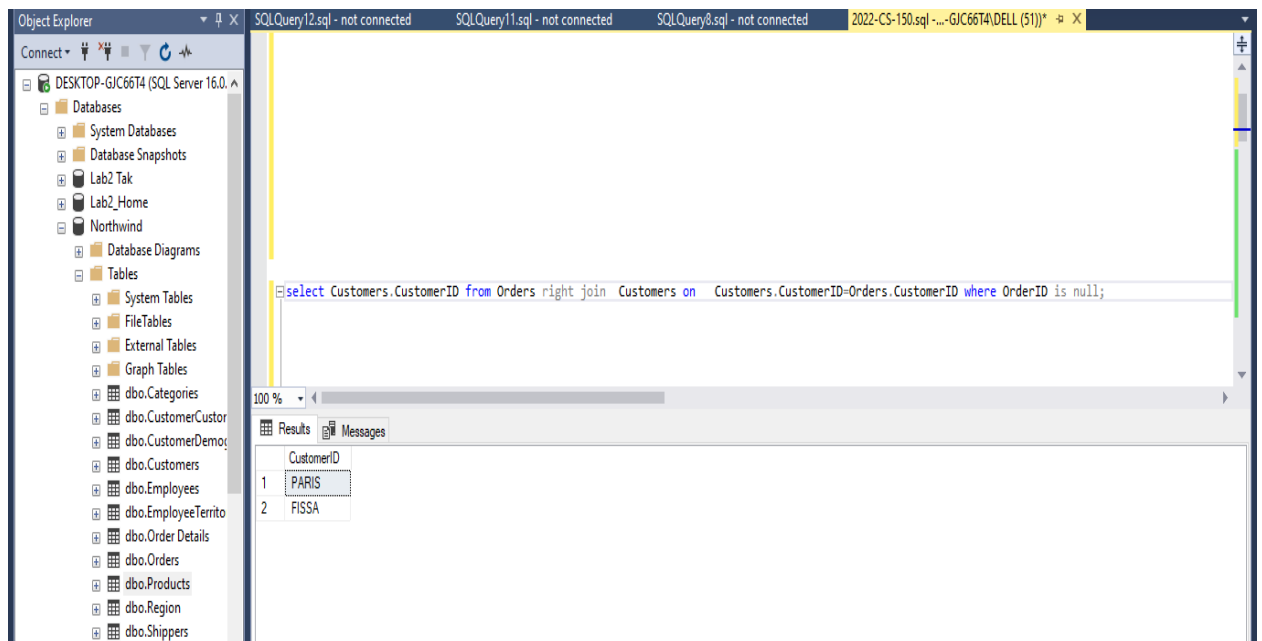
Report those customers who placed orders on July,1997. (CustomerID, OrderID, OrderDate)

select Customers.CustomerID, OrderID,OrderDate from Orders left join Customers on Customers.CustomerID=Orders.CustomerID where YEAR([OrderDate])='1997' and MONTH(OrderDate)=07

Q4:Report the total orders of each customer. (customerID, totalorders)

select CustomerID,Count(*) as [Total Orders] from Orders group by CustomerID;

Q5:Write a query to generate a five copies of each employee. (EmployeeID, FirstName, LastName)

It have no anwser

Q6:Write a query that returns a row for each employee and day in the range 04-07-1996 through 04-08- 1997. (EmployeeID, Date)

It have no answer

Q7:Return US customers, and for each customer return the total number of orders and total quantities. (CustomerID, Totalorders, totalquantity)
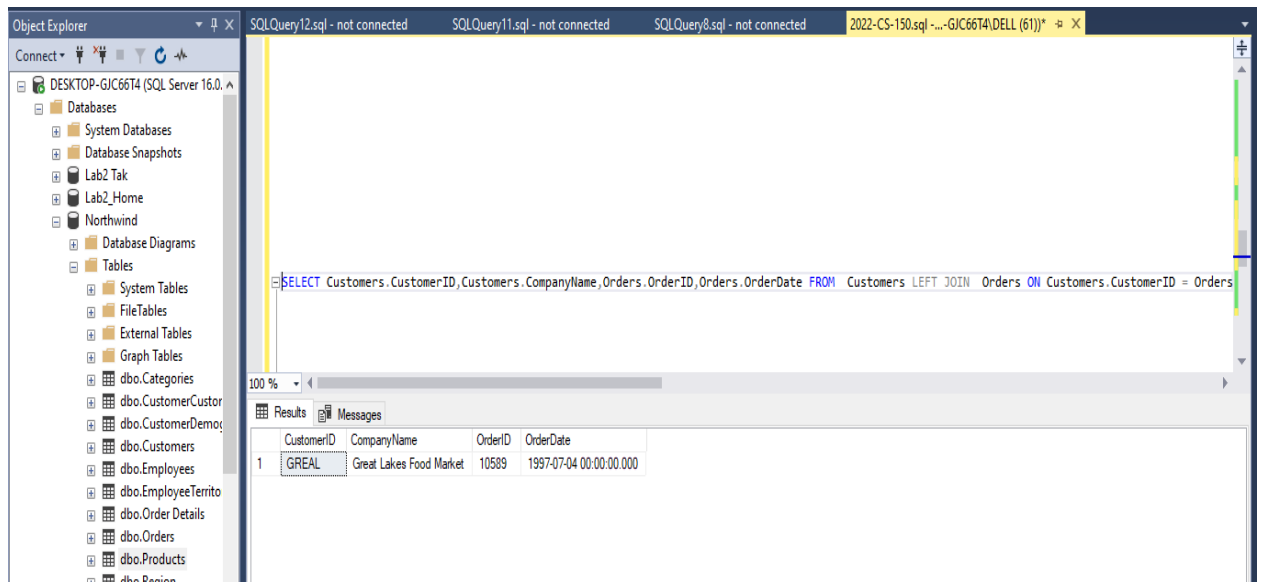
select Customers.CustomerID,COUNT(Orders.CustomerID) as TotalOrders,Sum([Order Details].Quantity) as TotalQuantity from Customers join Orders on Orders.CustomerID=Customers.CustomerID join [Order Details] on Orders.OrderID=[Order Details].OrderID where Customers.Country='USA' group by Customers.CustomerID;

Q8:Report all the orders which have been discounted with total price of order. Your result should show the total discount against each order. Output should look like this: (Order ID, Discount, Total Price)

SELECT OrderID, SUM(Discount)AS Discount,SUM(UnitPrice) As [Total Price] FROM [Order Details] GROUP BY OrderID HAVING SUM(Discount) ¿ 0;

Q9:Write a query that returns all customers in the output, but matches them with their respective orders only if they were placed on July 04,1997. (CustomerID, CompanyName, OrderID, Orderdate)

SELECT Customers.CustomerID,Customers.CompanyName,Orders.OrderID,Orders.OrderDate
FROM Customers LEFT JOIN Orders ON Customers.CustomerID = Orders.CustomerID
WHERE CONVERT(DATE, Orders.OrderDate) = '1997-07-04' and Orders.OrderDate
IS not NULL;
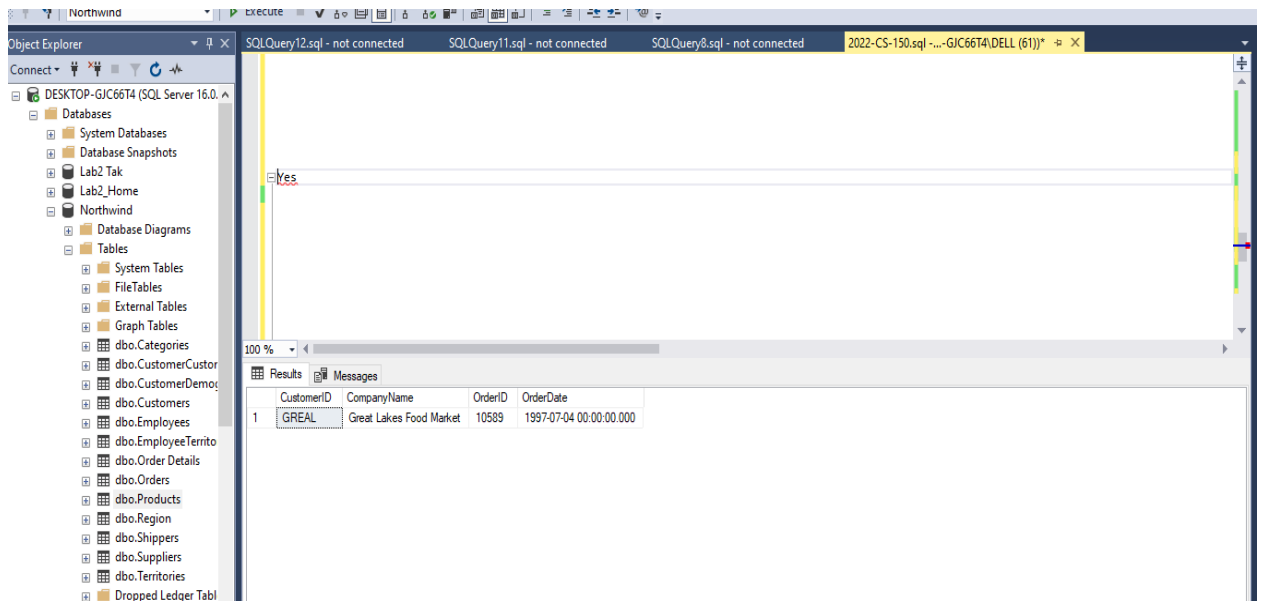
Q10:Are there any employees who are older than their managers? • List that names of those employees and their ages. (EmployeeN

Yes
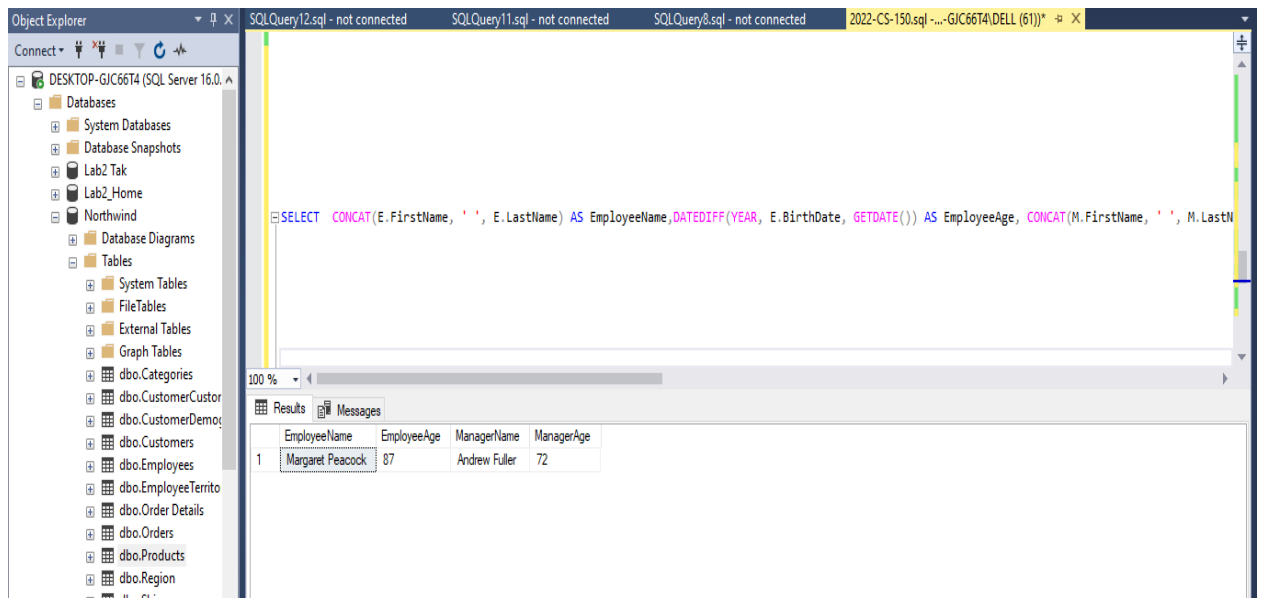
Q11:List the names of products which were ordered on 8th August 1997. (ProductName, OrderDate)

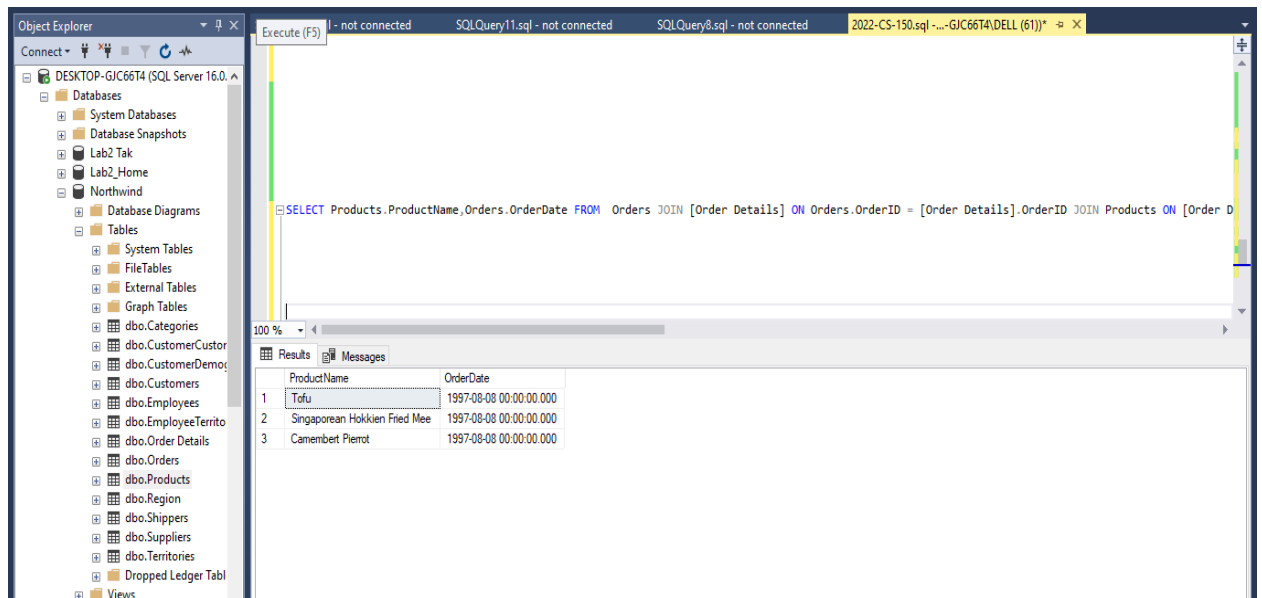SELECT CONCAT(E.FirstName, ' ', E.LastName) AS EmployeeName,DATEDIFF(YEAR, E.BirthDate, GETDATE()) AS EmployeeAge, CONCAT(M.FirstName, ' ', M.LastName) AS ManagerName,DATEDIFF(YEAR, M.BirthDate, GETDATE()) AS ManagerAge FROM Employees AS E JOIN Employees AS M ON E.ReportsTo = M.EmployeeID WHERE E.BirthDate ¡ M.BirthDate ORDER BY E.FirstName, E.LastName

Q12:List the addresses, cities, countries of all orders which were serviced by Anne and were shipped late. (Address, City, Country)

SELECT Customers.CustomerID,Customers.CompanyName,Orders.OrderID,Orders.OrderDate FROM Customers LEFT JOIN Orders ON Customers.CustomerID = Orders.CustomerID WHERE CONVERT(DATE, Orders.OrderDate) = '1997-07-04' and Orders.OrderDate IS not NULL;
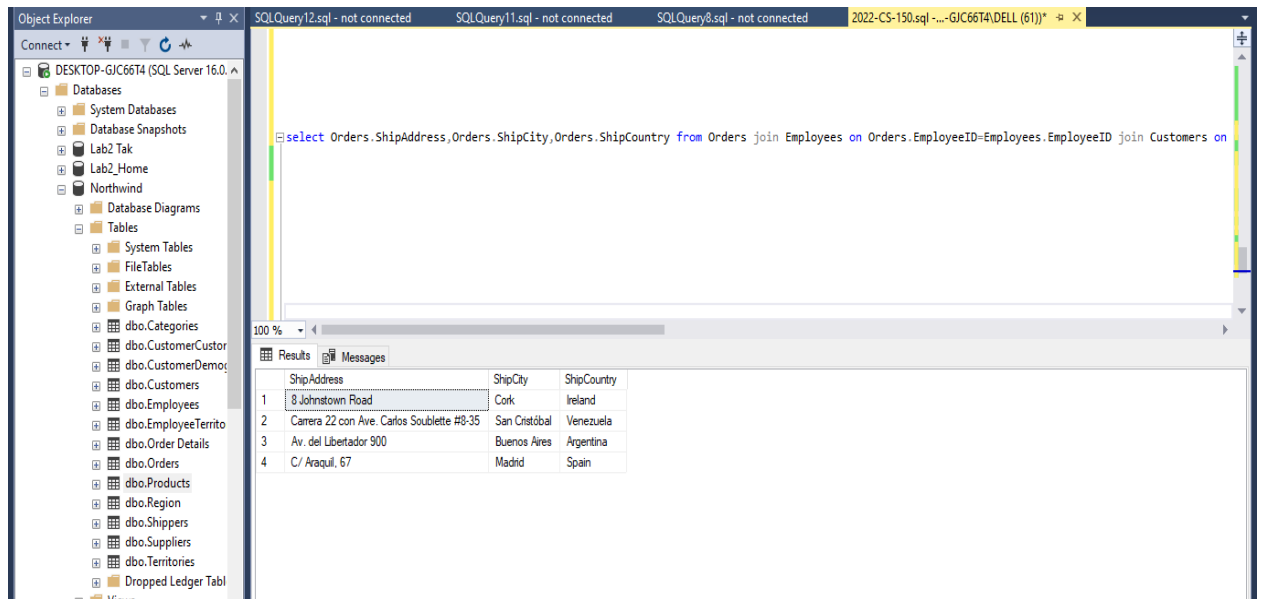
Q13:List all countries to which beverages have been shipped. (Country)

SELECT ShipCountry FROM Orders JOIN [Order Details] ON Orders.OrderID = [Order Details].OrderID JOIN Products ON [Order Details].ProductID = Products.ProductID WHERE Products.ProductName = 'Beverages' AND Orders.ShippedDate IS NOT NULL;