LAB MANUAL 4 Home Tasks



Session: 2022 – 2026

Submitted to:

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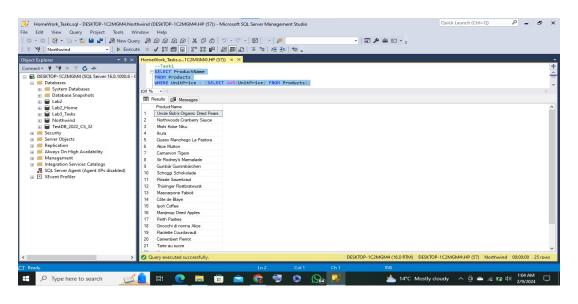
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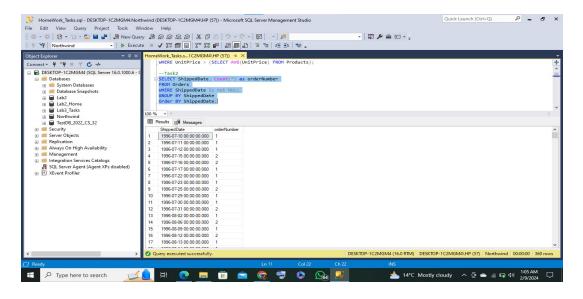
Q1: List name of all the products whose price is above average. (Product Name)

SQL Query: SELECT ProductName FROM Products WHERE UnitPrice > (SELECT AVG(UnitPrice)

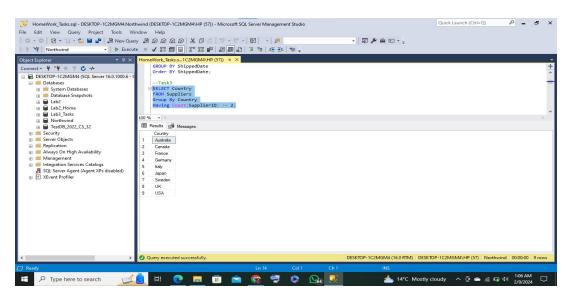
FROM Products)



- Q2: Write a query to generate report showing date wise orders shipped. (ShippedDate, numbero-forders)
- SQL Query: SELECT ShippedDate, Count(*) as orderNumber FROM Orders WHERE ShippedDate is not NULL GROUP BY ShippedDate Order BY ShippedDate

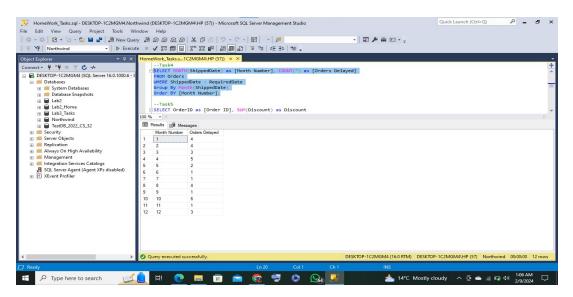


Q3: List name of all countries from where two or more suppliers belong to. (Country) SQL Query: SELECT Country FROM Suppliers Group By Country Having Count(SupplierID) >= 2



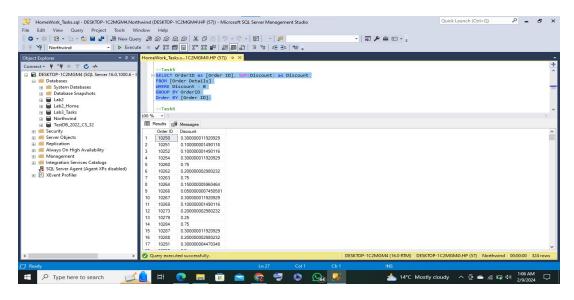
Q4: Write a query to generate report showing month wise orders delayed shipped. Your output should look like this (Month Number, Orders Delayed)

SQL Query: SELECT MONTH(ShippedDate) as [Month Number], COUNT(*) as [Orders Delayed] FROM Orders WHERE ShippedDate > RequiredDate Group By Month(ShippedDate) Order BY [Month Number]



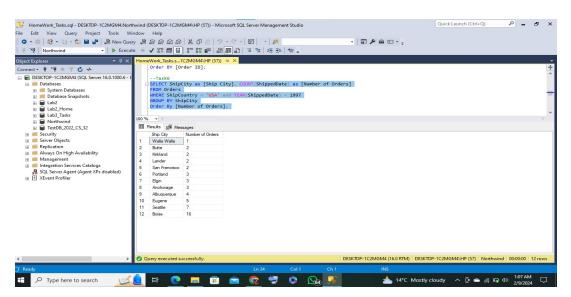
Q5: Report all the orders which have been discounted. Your result should show the total discount against each order. Output should look like this (Order ID, Discount)

SQL Query: SELECT OrderID as [Order ID], SUM(Discount) as Discount FROM [Order Details] WHERE Discount > 0 GROUP BY OrderID Order BY [Order ID]



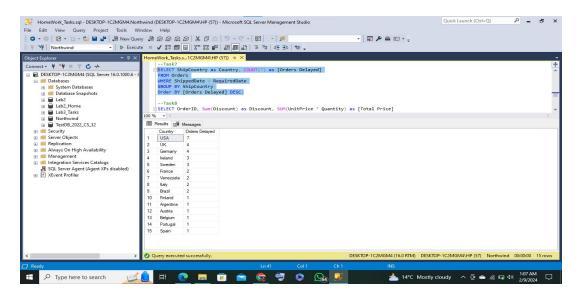
Q6: Write a query to list the number of orders which were shipped in the cities of USA in 1997. Show the number of order against each city. (Ship City, Number of orders)

SQL Query: SELECT ShipCity as [Ship City], COUNT(ShippedDate) as [Number of Orders] FROM Orders WHERE ShipCountry = 'USA' and YEAR(ShippedDate) = 1997 GROUP BY ShipCity Order By [Number of Orders]



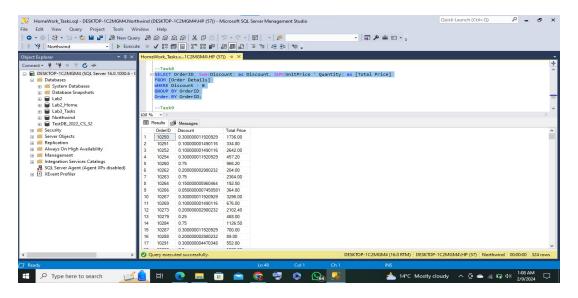
Q7: Write a query to generate report showing country wise orders delayed shipped. Your output should look like this: (Country, Orders Delayes)

SQL Query: SELECT ShipCountry as Country, COUNT(*) as [Orders Delayed] FROM Orders WHERE ShippedDate > RequiredDate GROUP BY ShipCountry Order BY [Orders Delayed] DESC



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)

SQL Query: SELECT OrderID, Sum(Discount) as Discount, SUM(UnitPrice * Quantity) as [Total Price] FROM [Order Details] WHERE Discount > 0 GROUP BY OrderID Order BY OrderID



Q9: Write a query to list the number of orders which were shipped in the cities of each region in 1997. Show the number of order against each city. Your results should look like this: (ShipRegion, ShipCity, Numberoforders)

SQL Query: SELECT ShipRegion, ShipCity, Count(ShippedDate) as Orders FROM Orders WHERE YEAR(ShippedDate) = 1997 and ShipRegion is not NULL Group BY ShipRegion, ShipCity Order BY ShipRegion

