LAB 4 Quires

Query 1: List name of all the products whose price is above average. (Product Name)

```
SELECT ProductName
FROM Products
WHERE UnitPrice>(SELECT AVG(UnitPrice) FROM Products);
```

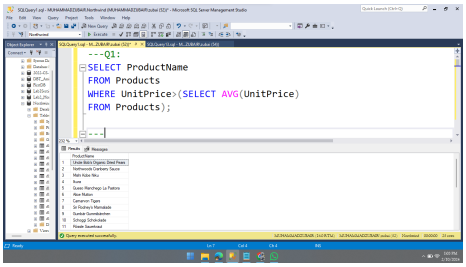

Figure 1: MS-SQL Screenshot

Query 2: Write a query to generate report showing date wise orders shipped. (ShippedDate, numberoforders)

```
SELECT ShippedDate,Count(*) As NumberOFOrders
FROM Orders
WHERE ShippedDate is Not NULL
Group By ShippedDate
```

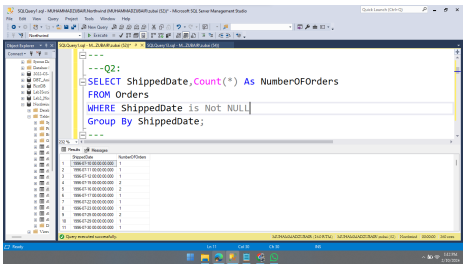

Figure 2: MS-SQL Screenshot

Query 3: List name of all countries from where two or more suppliers belong to. (Country)

```
SELECT Country
FROM Suppliers
Group By Country
Having Count(*)>=2;
```

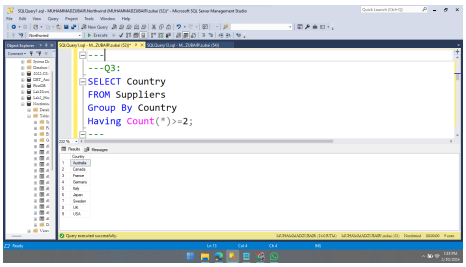

Figure 3: MS-SQL Screenshot

Query 4: Write a query to generate report showing month wise orders delayed shipped. Your output should look like this (Month Number, Orders Delayed)

```
SELECT Month(ShippedDate) As MonthNumber,Count(*) As NumberOFOrders
FROM Orders
WHERE ShippedDate is Not Null
Group By Month(ShippedDate);
```

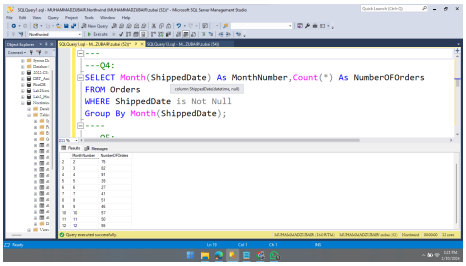

Figure 4: MS-SQL Screenshot

Query 5: 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)

```
SELECT Distinct OrderID,Discount
FROM [Order Details]
WHERE Discount <> 0
Order By OrderID;
```

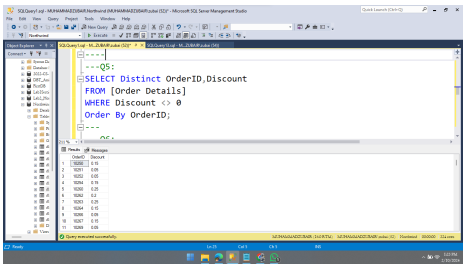

Figure 5: MS-SQL Screenshot

Query 6: 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)

```
SELECT ShipCity,Count(*) As NumberOfOrders
From Orders
WHERE Year(ShippedDate)='1997' And ShipCountry='USA'
Group By ShipCity;
```

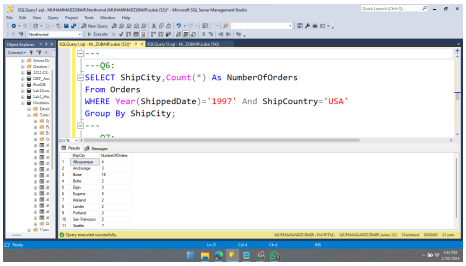

Figure 6: MS-SQL Screenshot

Query 7: Write a query to generate report showing country wise orders delayed shipped. Your output should look like this: (Country, Orders Delayes)

```
Select ShipCountry,Count(*) As OrderDelayed
From Orders
Where RequiredDate<ShippedDate
Group By ShipCountry;
```

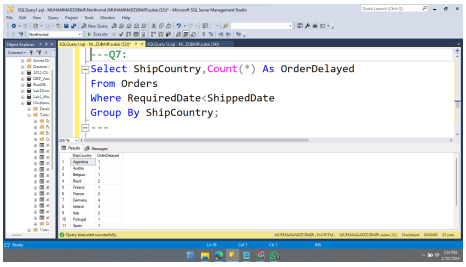

Figure 7: MS-SQL Screenshot

Query8: 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,Discount,SUM(UnitPrice) AS TotalPrice
FROM [Order Details]
WHERE Discount<>0
Group By OrderID,Discount;
```

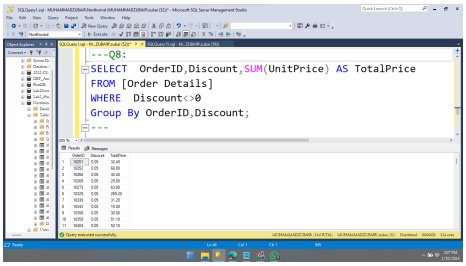

Figure 8: MS-SQL Screenshot

Query 9: 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)

SELECT ShipRegion,ShipCity,Count(*) As Orders FROM Orders
WHERE Year(ShippedDate)='1997' And ShipRegion is Not Null
Group By ShipRegion,ShipCity
Order By ShipRegion;

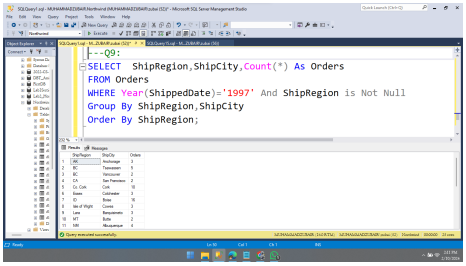

Figure 9: MS-SQL Screenshot