



## **DATABASE REPORT**

**SUBMITTED TO**  
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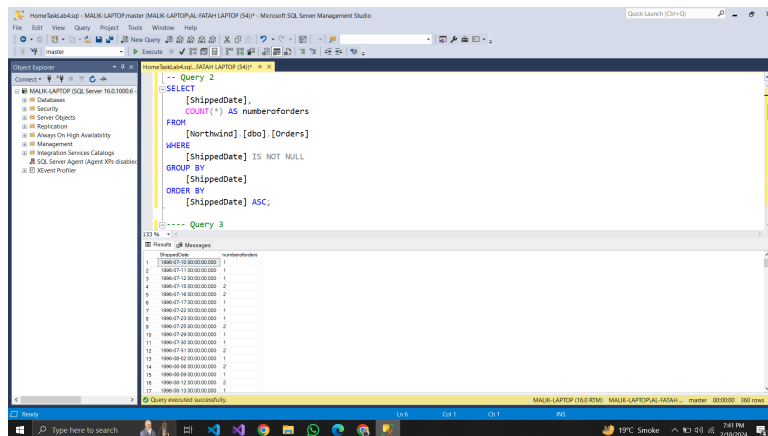
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```

4          COUNT(*) AS numeroforders
5 FROM
6          [ Northwind ].[ dbo ].[ Orders ]
7 WHERE
8          [ ShippedDate ] IS NOT NULL
9 GROUP BY
10         [ ShippedDate ]
11 ORDER BY
12         [ ShippedDate ] ASC;
13 ***

```



### 0.1.4 Query3:

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

```

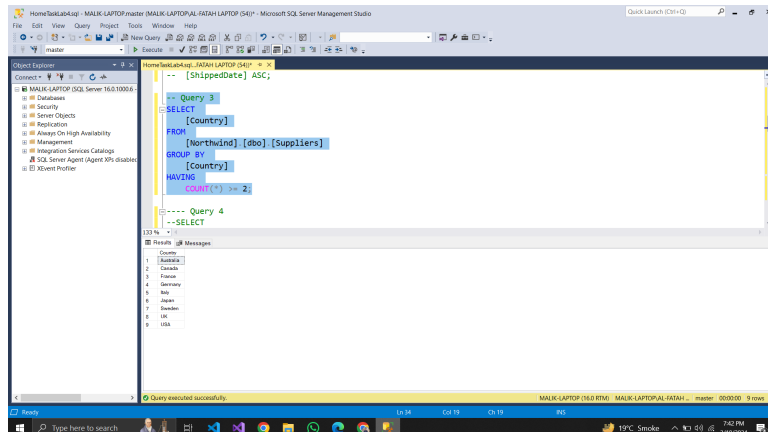
1 --Q3
2 SELECT
3     [ Country ]
4 FROM
5     [ Northwind ].[ dbo ].[ Suppliers ]
6 GROUP BY
7     [ Country ]
8 HAVING

```

```

9      COUNT(*) >= 2;
10  ***

```



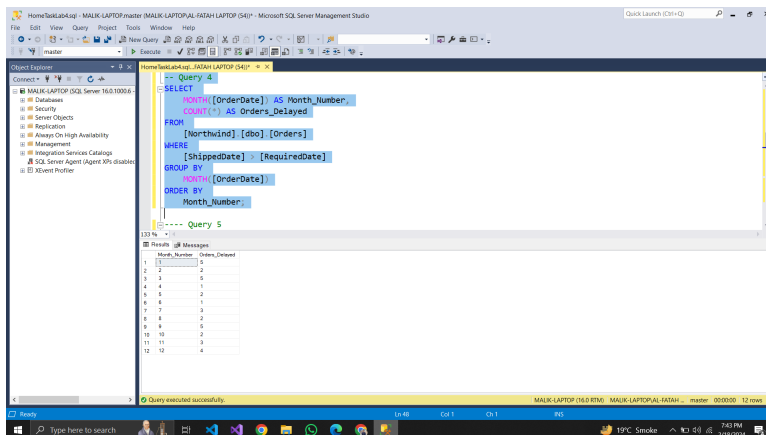
### 0.1.5 Query4:

. Write a query to generate report showing month wise orders delayed shipped. Your output should look like this (Month Number, Orders Delayed) Month Number Orders Delayed 1 75 2 75 . . . . . 12 55

```

1  --Q4
2  SELECT
3      MONTH([ OrderDate ]) AS Month_Number ,
4      COUNT(*) AS Orders_Delayed
5  FROM
6      [ Northwind ].[ dbo ].[ Orders ]
7  WHERE
8      [ ShippedDate ] > [ RequiredDate ]
9  GROUP BY
10     MONTH([ OrderDate ])
11 ORDER BY
12     Month_Number ;
13  --*--

```



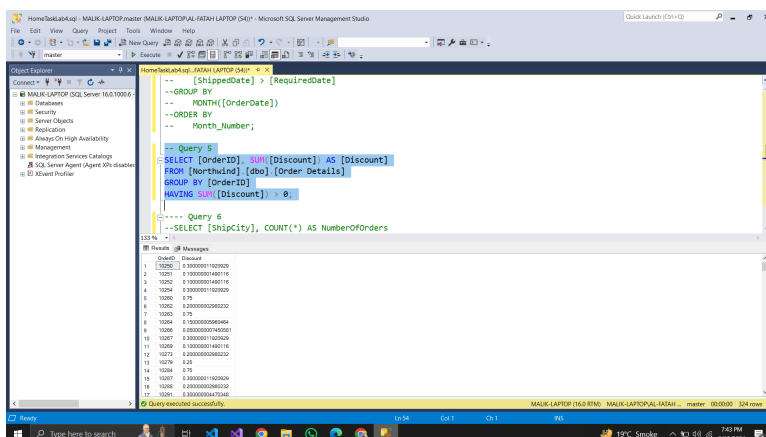
### 0.1.6 Query5:

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)  
 OrderID Discount 10250 0.300000011920929 10251 0.100000001490116

```

1 --Q5
2 SELECT [OrderID], SUM([Discount]) AS [Discount]
3 FROM [Northwind].[dbo].[Order Details]
4 GROUP BY [OrderID]
5 HAVING SUM([Discount]) > 0;
6 --*--

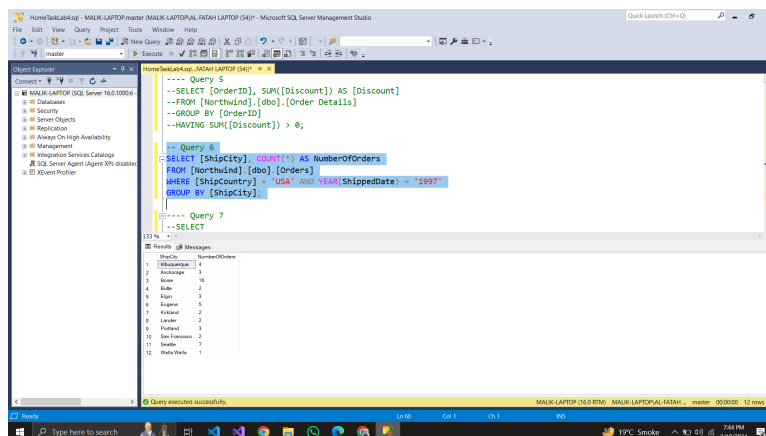
```



### 0.1.7 Query6:

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)

```
1 --Q6
2 SELECT [ShipCity], COUNT(*) AS NumberOfOrders
3 FROM [Northwind].[dbo].[Orders]
4 WHERE [ShipCountry] = 'USA' AND YEAR(ShippedDate) = '1997'
5 GROUP BY [ShipCity];
6 ***
```



### 0.1.8 Query7:

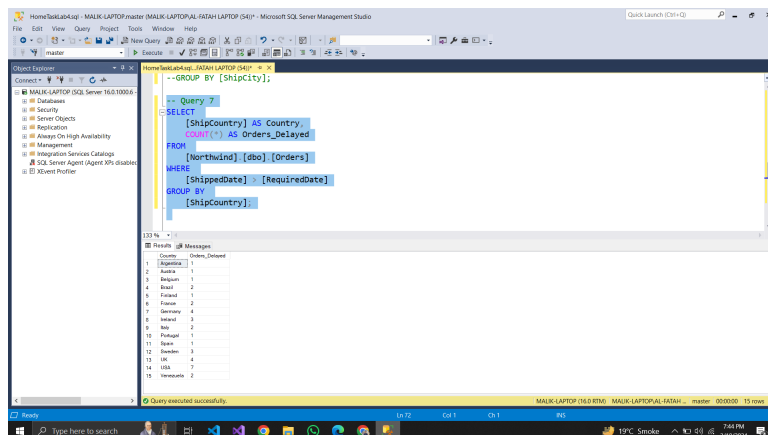
Write a query to generate report showing country wise orders delayed shipped. Your output should look like this: (Country, Orders Delays)

```
1 --Q7
2 SELECT
3     [ShipCountry] AS Country ,
4     COUNT(*) AS Orders_Delays
5 FROM
```

```

6      [ Northwind ]. [ dbo ]. [ Orders ]
7  WHERE
8      [ ShippedDate ] > [ RequiredDate ]
9  GROUP BY
10     [ ShipCountry ];
11  ***

```



### 0.1.9 Query8:

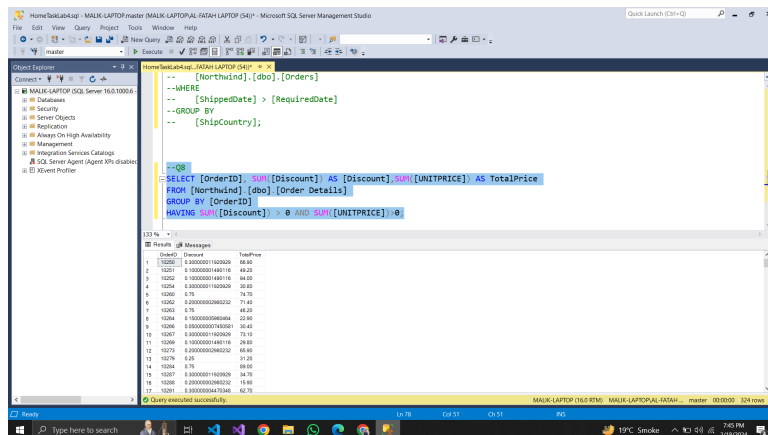
Report all the orders which have been discounted with total price of order. Your result should show

```

1  --Q8
2  SELECT [ OrderID ], SUM([ Discount ]) AS [ Discount ],SUM([
      UNITPRICE ]) AS TotalPrice
3  FROM [ Northwind ]. [ dbo ]. [ Order Details ]
4  GROUP BY [ OrderID ]
5  HAVING SUM([ Discount ]) > 0 AND SUM([ UNITPRICE ]) >0;
6  ***

```





### 0.1.10 Query9:

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)

```

1  --Q9
2  SELECT
3      [ ShipRegion ],
4      [ ShipCity ],
5      COUNT(*) AS Numberoforders
6  FROM
7      [ Northwind ]. [ dbo ]. [ Orders ]
8  WHERE
9      YEAR( ShippedDate ) = 1997
10 GROUP BY
11     ShipRegion , ShipCity ;
12 ***

```

HomeTestLab-Lap - MALIK-LAPTOP\master (MALIK-LAPTOP\JADAH LAPTOP (44)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect \* MALIK-LAPTOP (SQL Server 16.0.10004.6) MALIK-LAPTOP (JADAH LAPTOP (44))

Query Editor

```
-- Q0
SELECT
    [ShipRegion],
    [ShipCity],
    COUNT(*) AS NumberofOrders
FROM
    [Northwind].[dbo].[Orders]
WHERE
    YEAR([ShippedDate]) = 1997
GROUP BY
    ShipRegion, ShipCity;
```

Results

ShipRegion	ShipCity	NumberofOrders
AK	Anchorage	4
AK	Anchorage	3
AK	Delta	5
AK	Delta	2
AK	Delta	3
AK	Delta	3
AK	Delta	2
AK	Delta	18
AK	Delta	7
AK	Delta	4
AK	Delta	3
AK	Delta	4
AK	Delta	2
AK	Delta	5
AK	Delta	4
AK	Delta	3
AK	Delta	3
AK	Delta	4
AK	Delta	3

Query executed successfully

Taskbar: Ready, 10:58, CPU 16%, CH 16%, MS, 15°C, Smoke, 2/16/2024