LAB 03



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Course:

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Lab 03

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1 Question 1

1.1 Question Statement

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

1.2 Query:

```
SELECT ProductName
FROM [Northwind].[dbo].[Products]
WHERE UnitPrice > (SELECT AVG(UnitPrice) FROM [Northwind].[dbd
```

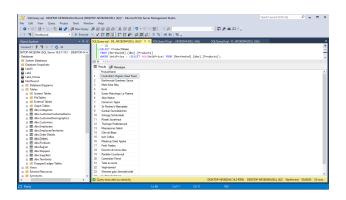


Figure 1: Result of the query 1

2 Question 2

2.1 Question Statement

Write a query to generate report showing date wise orders shipped.

```
SELECT ShippedDate , COUNT(OrderID) AS NumberOfOrders
FROM Orders
WHERE ShippedDate IS NOT NULL
GROUP BY ShippedDate
ORDER BY ShippedDate;
```

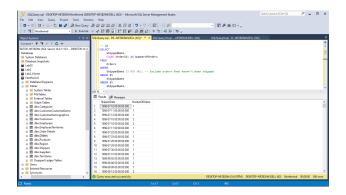


Figure 2: Result of the query 2

3 Question 3

3.1 Question Statement

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

3.2 Query:

```
SELECT Country
FROM [Northwind].[dbo].[Suppliers]
GROUP BY Country
HAVING COUNT(*) >= 2;
```

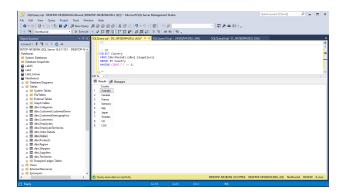


Figure 3: Result of the query 3

4 Question 4

4.1 Question Statement

Write a query to generate report showing month wise orders delayed shipped.

4.2 Query:

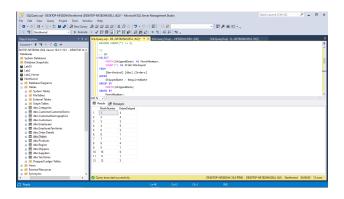


Figure 4: Result of the guery 4

5 Question 5

5.1 Question Statement

Report all the orders which have been discounted. Your result should show the total discount against each order.

```
SELECT [OrderID],[Discount]
FROM [Northwind].[dbo].[Order Details]
WHERE Discount > 0;
```

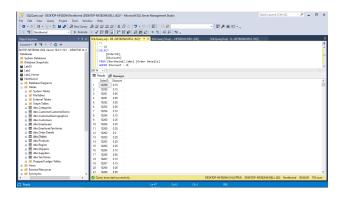


Figure 5: Result of the query 5

6 Question 6

6.1 Question Statement

Write a query to list the number of orders which were shipped in the cities of USA in 1997.

6.2 Query:

```
SELECT ShipCity,COUNT(*) AS NumberOfOrders
FROM Orders
WHERE ShipCountry = 'USA'
         AND YEAR(ShippedDate) = 1997
GROUP BY ShipCity
```

ORDER BY NumberOfOrders **DESC**;

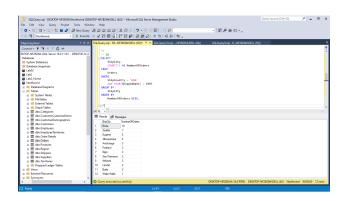


Figure 6: Result of the query 6

7 Question 7

7.1 Question Statement

Write a query to generate report showing country wise orders delayed shipped.

7.2 Query:

```
SELECT ShipCountry AS Country,
COUNT(*) AS OrdersDelayed
FROM [Northwind].[dbo].[Orders]
WHERE ShippedDate > RequiredDate
GROUP BY ShipCountry
ORDER BY OrdersDelayed DESC;
```

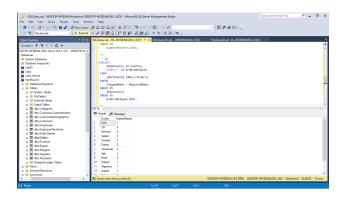


Figure 7: Result of the guery 7

8 Question 8

8.1 Question Statement

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

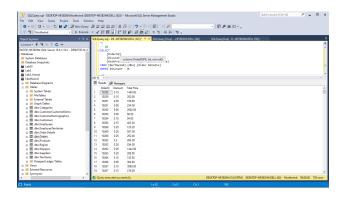


Figure 8: Result of the query 8

9 Question 9

9.1 Question Statement

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.

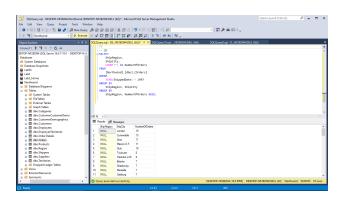


Figure 9: Result of the query 9