

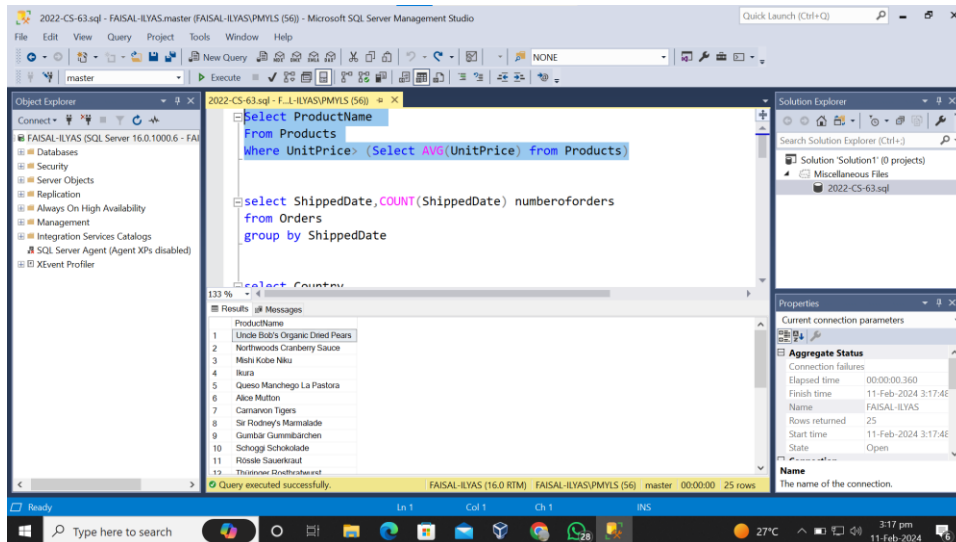
LAB 4

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)

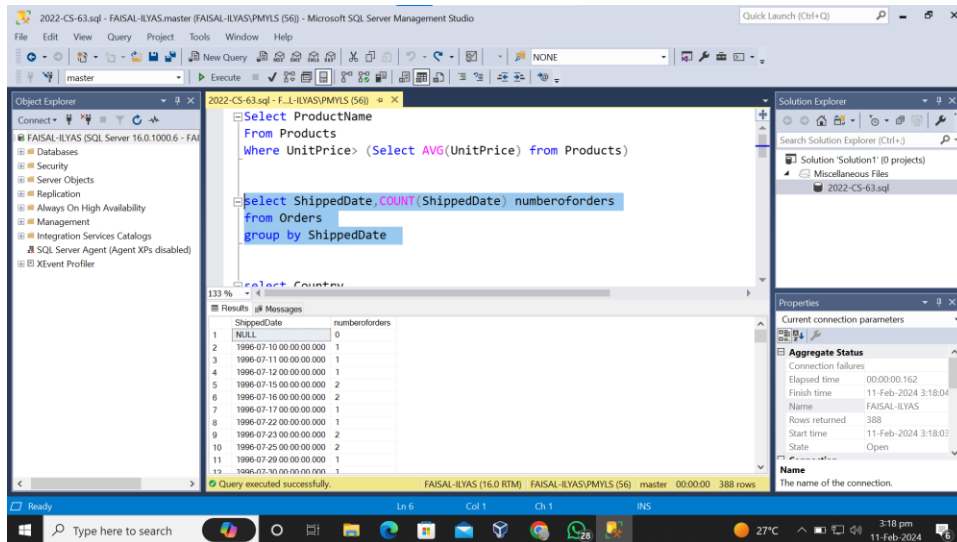


2. Write a query to generate report showing date wise orders shipped. (ShippedDate, numerooforders)

select ShippedDate, COUNT(ShippedDate) numerooforders

from Orders

group by ShippedDate



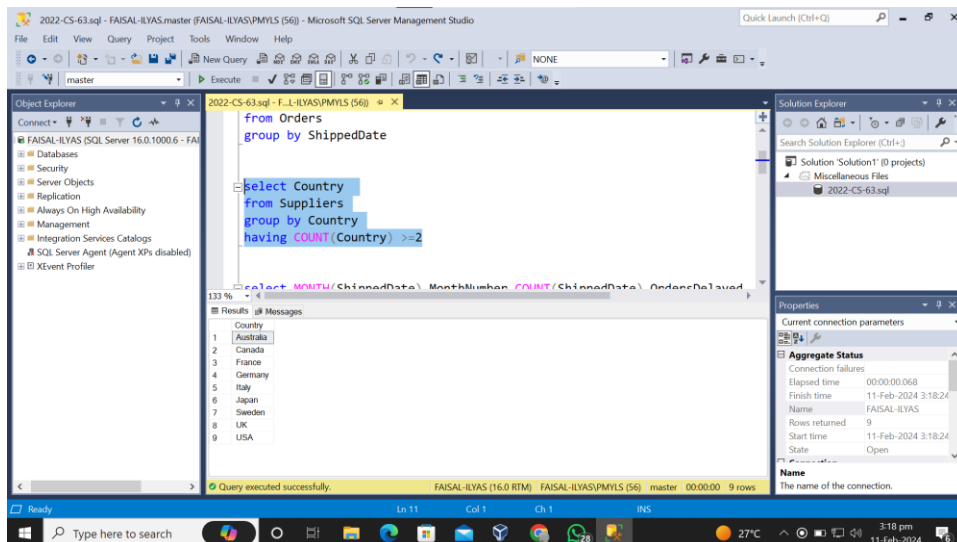
3. List name of all countries from where two or more suppliers belong to. (Country)

select Country

from Suppliers

group by Country

having COUNT(Country) >=2

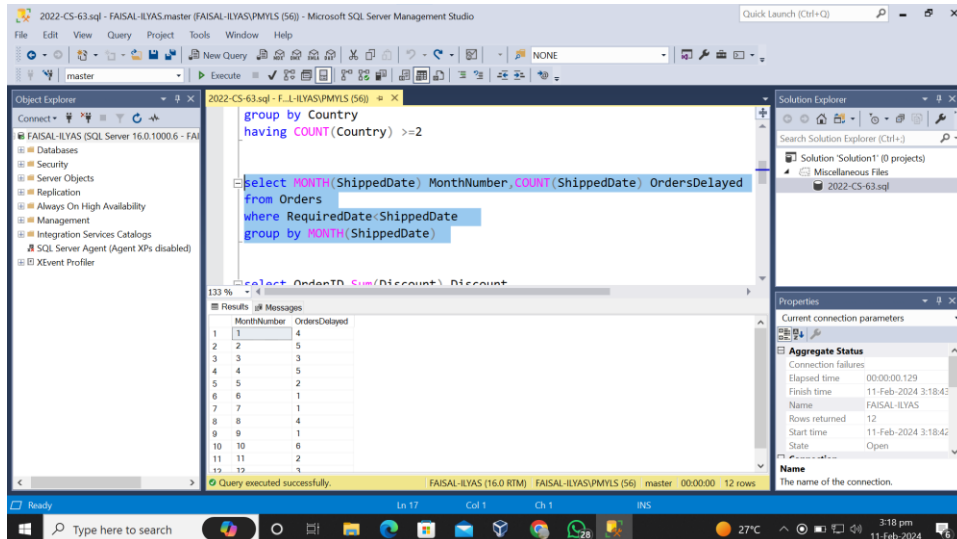


4. Write a query to generate report showing month wise orders delayed shipped. Your output should look like this (Month Number, Orders Delayed)

```

select MONTH(ShippedDate) MonthNumber,COUNT(ShippedDate) OrdersDelayed
from Orders
where RequiredDate<ShippedDate
group by MONTH(ShippedDate)

```

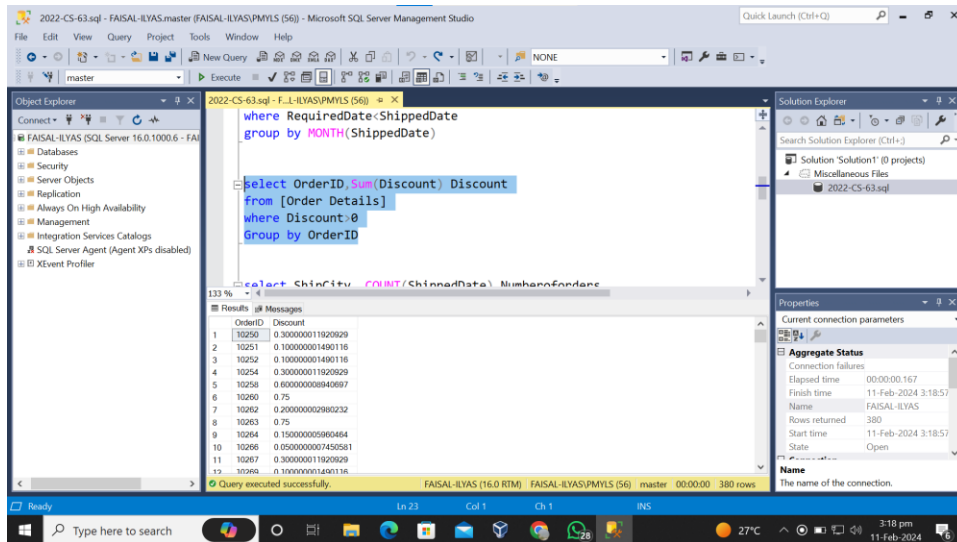


5. Report all the orders which have been discounted. Your result should show the total discount against each order. Output should look like this (Order ID, Discount)

```

select OrderID,Sum(Discount) Discount
from [Order Details]
where Discount>0
Group by OrderID

```



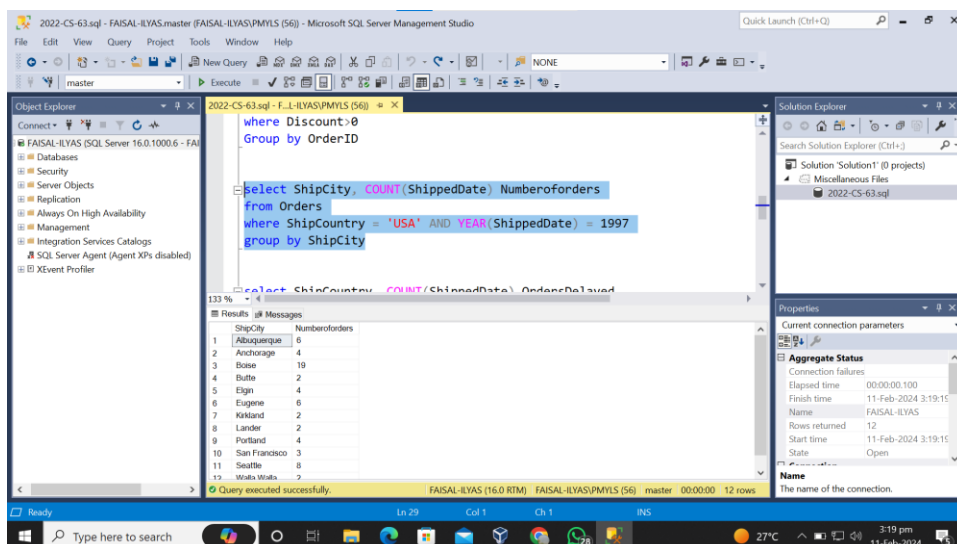
6. Write a query to list the number of orders which were shipped in the cities of USA in 1997. Show the number of order against each city. (Ship City, Number of orders)

select ShipCity, COUNT(ShippedDate) Numerooforders

from Orders

where ShipCountry = 'USA' AND YEAR(ShippedDate) = 1997

group by ShipCity



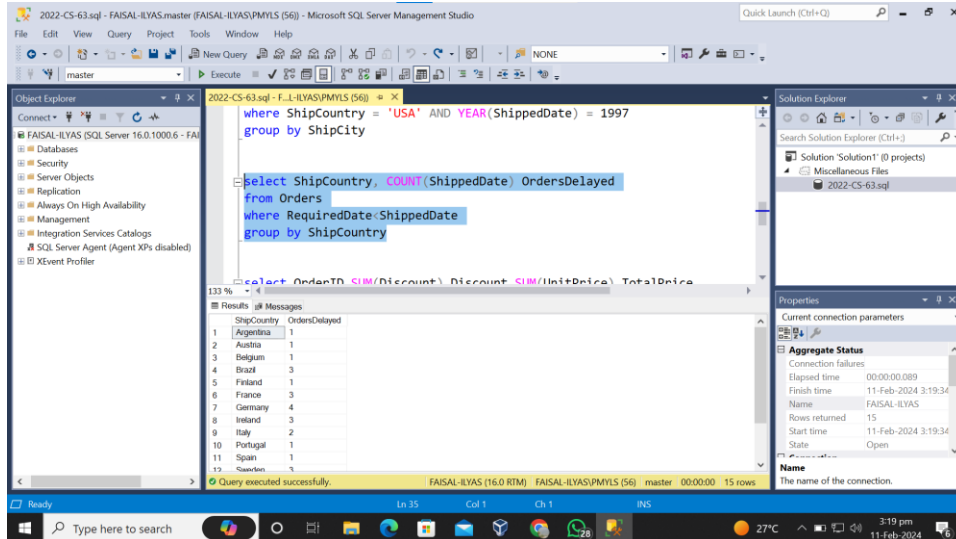
7. Write a query to generate report showing country wise orders delayed shipped. Your output should look like this: (Country, Orders Delays)

```
select ShipCountry, COUNT(ShippedDate) OrdersDelayed
```

```
from Orders
```

```
where RequiredDate<ShippedDate
```

```
group by ShipCountry
```



8. 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) Discount,SUM(UnitPrice) TotalPrice
```

```
from [Order Details]
```

```
where Discount>0
```

```
group by OrderID
```

The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the following SQL code:

```

where RequiredDate < ShippedDate
group by ShipCountry

select OrderID, SUM(Discount) Discount, SUM(UnitPrice) TotalPrice
from [Order Details]
where Discount > 0
group by OrderID

select ShipRegion, ShipCity, COUNT(*) Orders

```

The Results pane displays the output of the query, showing a table with columns: OrderID, Discount, and TotalPrice. The data is as follows:

OrderID	Discount	TotalPrice
10250	0.30000000	59.20
10251	0.10000000	32.40
10252	0.10000000	66.80
10254	0.30000000	22.80
10258	0.60000000	57.80
10260	0.75	59.10
10262	0.20000000	17.00
10263	0.75	42.60
10264	0.15000000	7.70
10266	0.05000000	30.40
10267	0.30000000	58.40
10268	0.10000000	26.80

The Properties pane on the right shows the current connection parameters, including the connection name, elapsed time, finish time, and rows returned.

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, Numerooforders)

select ShipRegion,ShipCity,COUNT(*) Orders

from Orders

where YEAR(ShippedDate) = 1997

group by ShipRegion,ShipCity

The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the following SQL code:

```

where Discount > 0
group by OrderID

select ShipRegion,ShipCity,COUNT(*) Orders
from Orders
where YEAR(ShippedDate) = 1997
group by ShipRegion,ShipCity

```

The Results pane displays the output of the query, showing a table with columns: ShipRegion, ShipCity, and Orders. The data is as follows:

ShipRegion	ShipCity	Orders
1	AK	6
2	AK	4
3	NULL	7
4	NULL	2
5	Lara	4
6	NULL	5
7	NULL	3
8	NULL	3
9	ID	19
10	NULL	7
11	NULL	7
12	NULL	1

The Properties pane on the right shows the current connection parameters, including the connection name, elapsed time, finish time, and rows returned.

