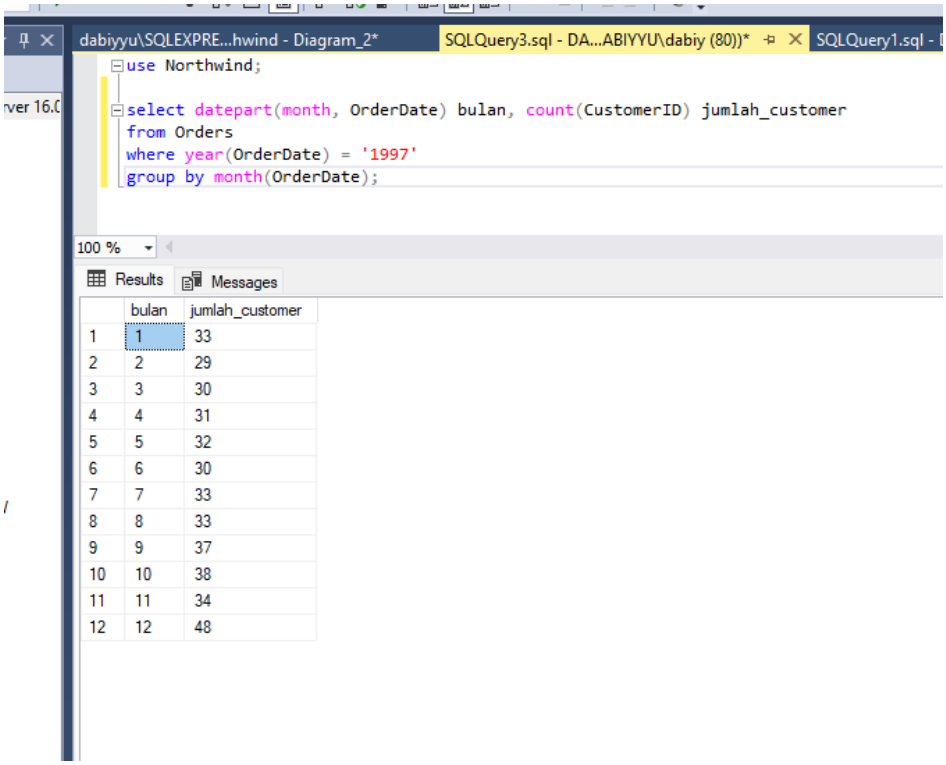
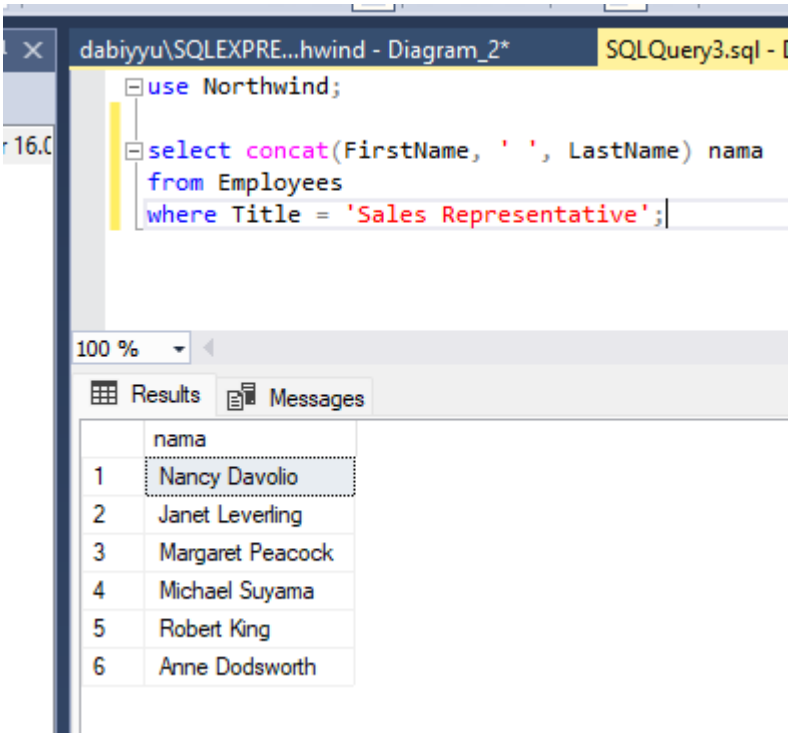
Intermediate Query

1.



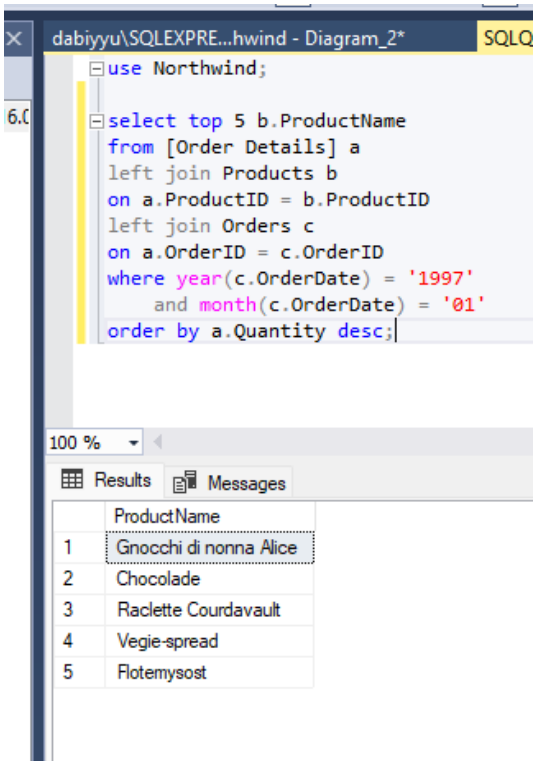
	bulan	jumlah_customer
1	1	33
2	2	29
3	3	30
4	4	31
5	5	32
6	6	30
7	7	33
8	8	33
9	9	37
10	10	38
11	11	34
12	12	48

2.

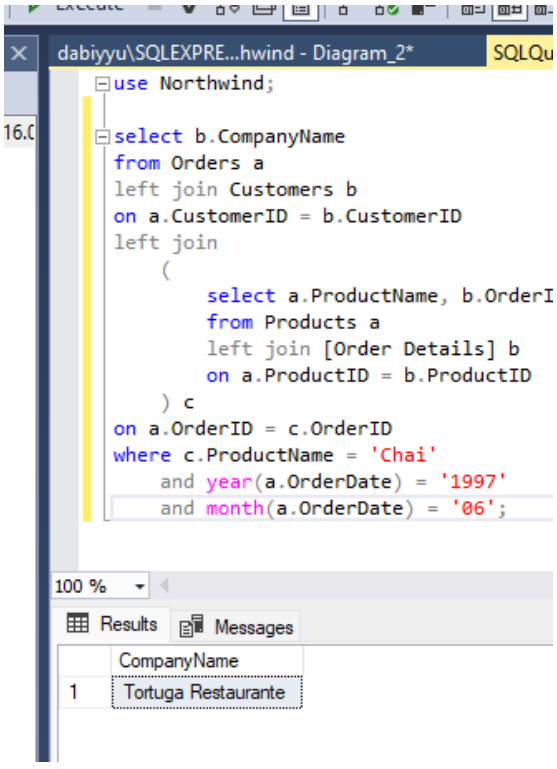


	nama
1	Nancy Davolio
2	Janet Leverling
3	Margaret Peacock
4	Michael Suyama
5	Robert King
6	Anne Dodsworth

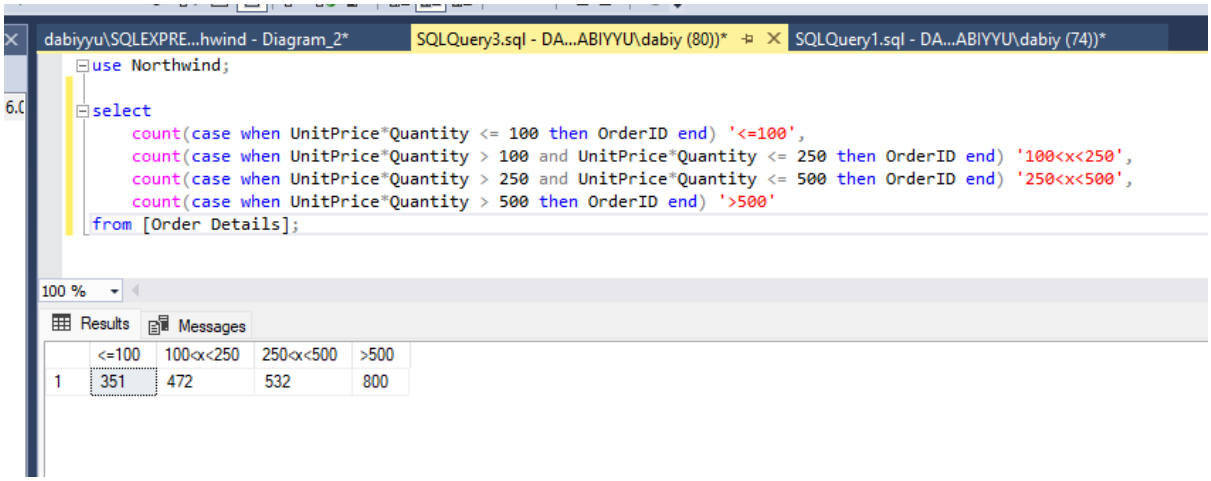
3.


dabiyyu\SQLEXPRE...hwind - Diagram_2*
use Northwind;
select top 5 b.ProductName
from [Order Details] a
left join Products b
on a.ProductID = b.ProductID
left join Orders c
on a.OrderID = c.OrderID
where year(c.OrderDate) = '1997'
and month(c.OrderDate) = '01'
order by a.Quantity desc;
100 %
Results
Messages
ProductName
1 Gnocchi di nonna Alice
2 Chocolade
3 Raclette Courdavault
4 Vegie-spread
5 Flotemysost

4.


dabiyyu\SQLEXPRE...hwind - Diagram_2*
use Northwind;
select b.CompanyName
from Orders a
left join Customers b
on a.CustomerID = b.CustomerID
left join
(
select a.ProductName, b.OrderI
from Products a
left join [Order Details] b
on a.ProductID = b.ProductID
) c
on a.OrderID = c.OrderID
where c.ProductName = 'Chai'
and year(a.OrderDate) = '1997'
and month(a.OrderDate) = '06';
100 %
Results
Messages
CompanyName
1 Tortuga Restaurante

5.


dabiyyu\SQLEXPRE...hwind - Diagram_2*
SQLQuery3.sql - DA...ABIYYU\dabiy (80))*
SQLQuery1.sql - DA...ABIYYU\dabiy (74))*
use Northwind;
select
count(case when UnitPrice*Quantity <= 100 then OrderID end) '<=100',
count(case when UnitPrice*Quantity > 100 and UnitPrice*Quantity <= 250 then OrderID end) '100<x<250',
count(case when UnitPrice*Quantity > 250 and UnitPrice*Quantity <= 500 then OrderID end) '250<x<500',
count(case when UnitPrice*Quantity > 500 then OrderID end) '>500'
from [Order Details];
100 %
Results
Messages
<=100
100<x<250
250<x<500
>500
1
351
472
532
800

6.

dabiyyu\SQLEXPRE...hwind - Diagram_2*
SQLQuery3.sql - DA...ABIYYU\
use Northwind;
select b.CompanyName
from [Order Details] a
left join
(
select a.OrderID, b.CompanyName, a.OrderDate
from Orders a
left join Customers b
on a.CustomerID = b.CustomerID
) b
on a.OrderID = b.OrderID
where UnitPrice*Quantity > 500
and year(b.OrderDate) = '1997'
group by b.CompanyName;
100 %
Results
Messages
CompanyName
1 Alfreds Futterkiste
2 Antonio Moreno Taquería
3 Around the Horn
4 Berglunds snabbköp
5 Blondesddsl père et fils
6 Bólido Comidas preparadas
7 Bon app'
8 Bottom-Dollar Markets
9 B's Beverages
10 Chop-suey Chinese
11 Comércio Mineiro
12 Die Wandernde Kuh
13 Eastern Connection
14 Ernst Handel
15 Familia Arquibaldo
16 Folies gourmandes
17 Folk och fä HB
18 Frankenversand
19 Furia Bacalhau e Frutos do Mar
20 Godos Cocina Típica
21 Gourmet Lanchonetes
22 Great Lakes Food Market
23 Hanari Carnes
24 HILARION-Abastos
25 Hungry Coyote Import Store
26 Hungry Owl All-Night Grocers
27 Island Trading
28 Königlich Essen
29 La maison d'Asie
30 Lehmanns Marktstand
31 Let's Stop N Shop
32 LILA-Supermercado
33 LINO-Delicateses
34 Lonesome Pine Restaurant
35 Magazzini Alimentari Riuniti
36 Maison Dewey
37 Mère Paillarde
38 Morgenstern Gesundkost
39 Old World Delicatessen
40 Ottilies Käseladen
41 Pericles Comidas clásicas
42 Piccolo und mehr
43 Princesa Isabel Vinhos
44 Que Delícia
45 Queen Cozinha
46 QUICK-Stop
Query executed successfully.

44	Que Delícia
45	Queen Cozinha
46	QUICK-Stop
47	Rattlesnake Canyon Grocery
48	Reggiani Caseifici
49	Ricardo Adocicados
50	Richter Supermarkt
51	Save-a-lot Markets
52	Seven Seas Imports
53	Simons bistro
54	Split Rail Beer & Ale
55	Suprêmes délices
56	The Big Cheese
57	The Cracker Box
58	Toms Spezialitäten
59	Tortuga Restaurante
60	Vaffeljernet
61	Victuailles en stock
62	Wartian Herkku
63	Wellington Importadora
64	White Clover Markets
65	Wolski Zajazd

7.

dabiyyu\SQLEXPRE...hwind - Diagram_2* | SQLQuery3.sql - DA...ABIYYU\dabiy (80))* | SQLQuery1.sql - DA...ABIYYU\dabiy (74))*

```
use Northwind;

select month, ProductName
from
    (
        select
            month,
            ProductName,
            row_number() over (partition by month order by sales desc) product_rank
        from
            (
                select sum(a.Quantity*a.UnitPrice) sales, month(c.OrderDate) month, b.ProductName
                from [Order Details] a
                left join Products b
                on a.ProductID = b.ProductID
                left join Orders c
                on a.OrderID = c.OrderID
                where year(c.OrderDate) = '1997'
                group by b.ProductName, month(c.OrderDate)
            ) a
        ) a
where product_rank <= 5;
```

100 %

Results | Messages

	month	ProductName
1	1	Côte de Blaye
2	1	Raclette Courdavault
3	1	Vegie-spread
4	1	Gnocchi di nonna Alice
5	1	Alice Mutton
6	2	Pâté chinois
7	2	Sirop d'érable
8	2	Gnocchi di nonna Alice
9	2	Thüringer Rostbratwurst
10	2	Rössle Sauerkraut
11	3	Raclette Courdavault
12	3	Côte de Blaye
13	3	Manjimup Dried Apples
14	3	Thüringer Rostbratwurst
15	3	Camembert Pierrot
16	4	Gnocchi di nonna Alice
17	4	Schoggi Schokolade
18	4	Thüringer Rostbratwurst
19	4	Côte de Blaye
20	4	Camembert Pierrot
21	5	Côte de Blaye
22	5	Ipoh Coffee
23	5	Tarte au sucre
24	5	Manjimup Dried Apples
25	5	Alice Mutton
26	6	Manjimup Dried Apples
27	6	Gnocchi di nonna Alice
28	6	Raclette Courdavault
29	6	Gorgonzola Telino
30	6	Mozzarella di Giovanni
31	7	Raclette Courdavault
32	7	Camembert Pierrot
33	7	Côte de Blaye
34	7	Alice Mutton
35	7	Sirop d'érable
36	8	Camarvon Tigers
37	8	Tarte au sucre
38	8	Thüringer Rostbratwurst
39	8	Gnocchi di nonna Alice
40	8	Mozzarella di Giovanni

Query executed successfully.

39	8	Gnocchi di nonna Alice
40	8	Mozzarella di Giovanni
41	9	Thüringer Rostbratwurst
42	9	Mishi Kobe Niku
43	9	Camembert Pierrot
44	9	Côte de Blaye
45	9	Queso Manchego La ...
46	10	Thüringer Rostbratwurst
47	10	Raclette Courdavault
48	10	Perth Pasties
49	10	Tarte au sucre
50	10	Ipoh Coffee
51	11	Raclette Courdavault
52	11	Gudbrandsdalsost
53	11	Gnocchi di nonna Alice
54	11	Camarvon Tigers
55	11	Camembert Pierrot
56	12	Manjimup Dried Apples
57	12	Thüringer Rostbratwurst
58	12	Alice Mutton
59	12	Côte de Blaye
60	12	Gnocchi di nonna Alice

Query executed successfully.

8.

dabiyyu\SQLEXPRE...hwind - Diagram_2* SQLQuery3.sql - DA...ABIYYU\

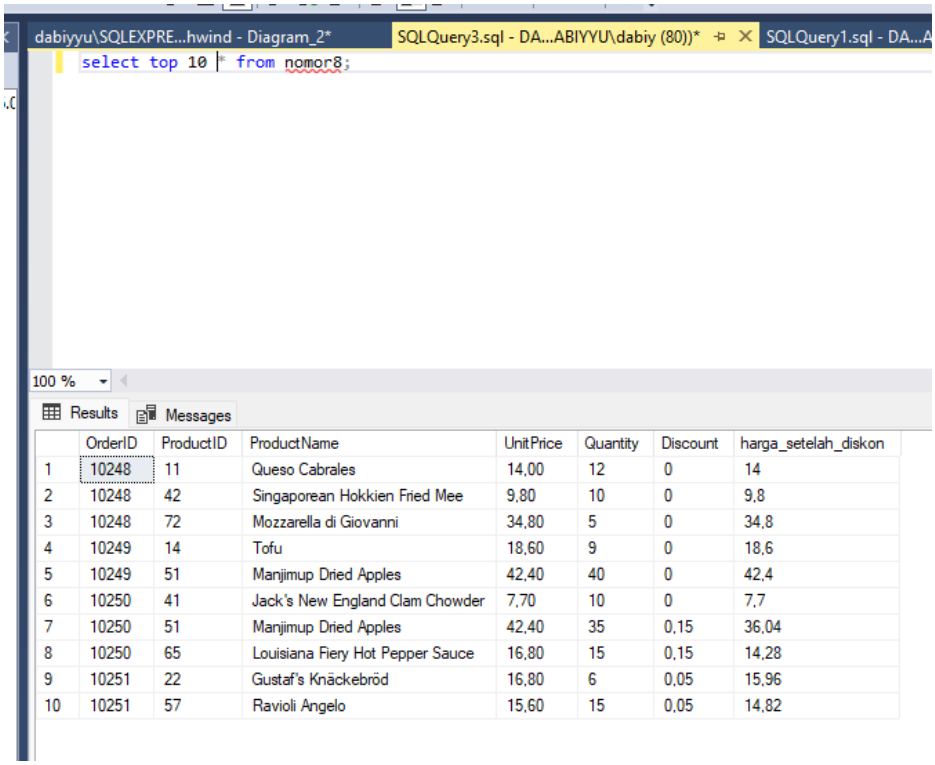
```
create view nomor8 as
select
    a.OrderID,
    a.ProductID,
    ProductName,
    a.UnitPrice,
    a.Quantity,
    a.Discount,
    a.UnitPrice*(1-a.Discount) harga_setelah_diskon
from [Order Details] a
left join Products b
on a.ProductID = b. ProductID;
```

100 %

Messages

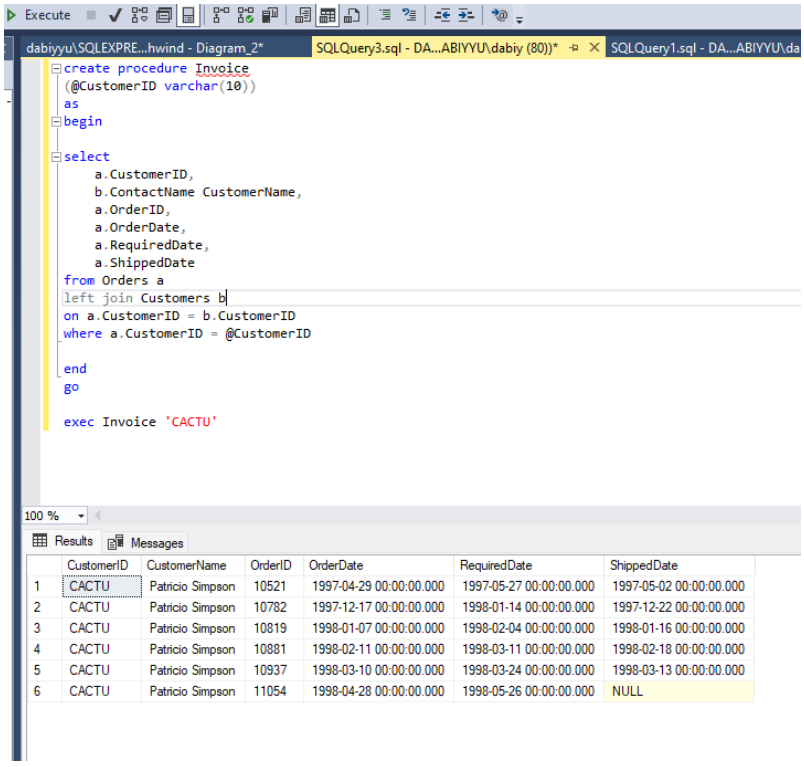
```
Commands completed successfully.

Completion time: 2023-01-24T22:58:10.6267085+07:00
```



	OrderID	ProductID	ProductName	UnitPrice	Quantity	Discount	harga_setelah_diskon
1	10248	11	Queso Cabrales	14,00	12	0	14
2	10248	42	Singaporean Hokkien Fried Mee	9,80	10	0	9,8
3	10248	72	Mozzarella di Giovanni	34,80	5	0	34,8
4	10249	14	Tofu	18,60	9	0	18,6
5	10249	51	Manjimup Dried Apples	42,40	40	0	42,4
6	10250	41	Jack's New England Clam Chowder	7,70	10	0	7,7
7	10250	51	Manjimup Dried Apples	42,40	35	0,15	36,04
8	10250	65	Louisiana Fiery Hot Pepper Sauce	16,80	15	0,15	14,28
9	10251	22	Gustaf's Knäckebröd	16,80	6	0,05	15,96
10	10251	57	Ravioli Angelo	15,60	15	0,05	14,82

9.



	CustomerID	CustomerName	OrderID	OrderDate	RequiredDate	ShippedDate
1	CACTU	Patricio Simpson	10521	1997-04-29 00:00:00.000	1997-05-27 00:00:00.000	1997-05-02 00:00:00.000
2	CACTU	Patricio Simpson	10782	1997-12-17 00:00:00.000	1998-01-14 00:00:00.000	1997-12-22 00:00:00.000
3	CACTU	Patricio Simpson	10819	1998-01-07 00:00:00.000	1998-02-04 00:00:00.000	1998-01-16 00:00:00.000
4	CACTU	Patricio Simpson	10881	1998-02-11 00:00:00.000	1998-03-11 00:00:00.000	1998-02-18 00:00:00.000
5	CACTU	Patricio Simpson	10937	1998-03-10 00:00:00.000	1998-03-24 00:00:00.000	1998-03-13 00:00:00.000
6	CACTU	Patricio Simpson	11054	1998-04-28 00:00:00.000	1998-05-26 00:00:00.000	NULL