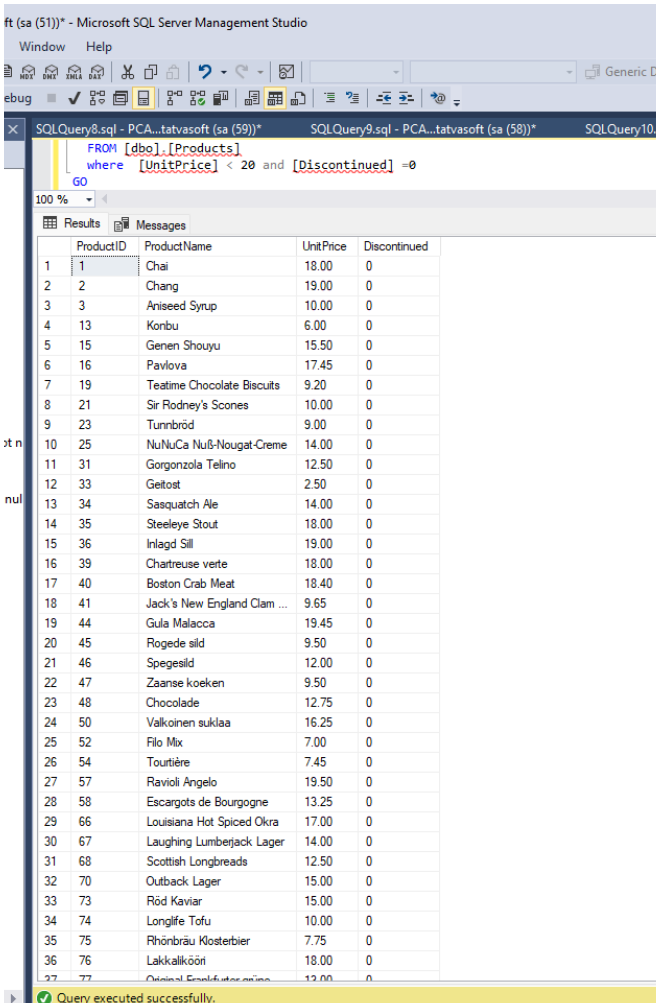
```
CREATE TABLE "Products" (
	"ProductID" "int" IDENTITY (1, 1) NOT NULL ,
	"ProductName" nvarchar (40) NOT NULL ,
	"SupplierID" "int" NULL ,
	"CategoryID" "int" NULL ,
	"QuantityPerUnit" nvarchar (20) NULL ,
	"UnitPrice" "money" NULL CONSTRAINT "DF_Products_UnitPrice" DEFAULT (0),
"UnitsInStock" "smallint" NULL CONSTRAINT "DF_Products_UnitsInStock" DEFAULT (0),
"UnitsOnOrder" "smallint" NULL CONSTRAINT "DF_Products_UnitsOnOrder" DEFAULT (0),
"ReorderLevel" "smallint" NULL CONSTRAINT "DF_Products_ReorderLevel" DEFAULT (0),
“Discontinued" "bit" NOT NULL CONSTRAINT "DF_Products_Discontinued" DEFAULT (0),)
GO



INSERT
"Products"("ProductID","ProductName","SupplierID","CategoryID","QuantityPerUnit","UnitPrice",
"UnitsInStock","UnitsOnOrder","ReorderLevel","Discontinued") VALUES(1,'Chai',1,1,'10 boxes x
20 bags',18,39,0,10,0)
```

1. Write a query to get a Product list (id, name, unit price) where current products cost less than $20.

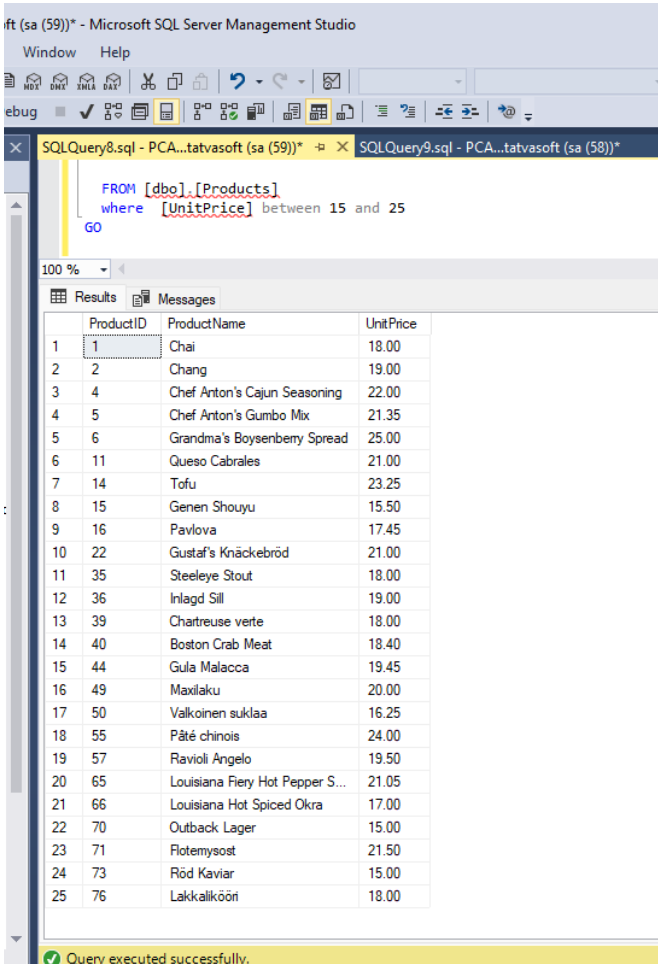
```
USE [assignment_tatvasoft]
GO

SELECT [ProductID]
      ,[ProductName]
      ,[UnitPrice],
            [Discontinued]

  FROM [dbo].[Products]
  where  [UnitPrice] < 20 and [Discontinued] =0
GO
```



	ProductID	ProductName	UnitPrice	Discontinued
1	1	Chai	18.00	0
2	2	Chang	19.00	0
3	3	Aniseed Syrup	10.00	0
4	13	Konbu	6.00	0
5	15	Genen Shouyu	15.50	0
6	16	Pavlova	17.45	0
7	19	Teatime Chocolate Biscuits	9.20	0
8	21	Sir Rodney's Scones	10.00	0
9	23	Tunnbröd	9.00	0
10	25	NuNuCa Nuß-Nougat-Creme	14.00	0
11	31	Gorgonzola Telino	12.50	0
12	33	Geitost	2.50	0
13	34	Sasquatch Ale	14.00	0
14	35	Steeleye Stout	18.00	0
15	36	Inlagd Sill	19.00	0
16	39	Chartreuse verte	18.00	0
17	40	Boston Crab Meat	18.40	0
18	41	Jack's New England Clam ...	9.65	0
19	44	Gula Malacca	19.45	0
20	45	Rogede sild	9.50	0
21	46	Spegesild	12.00	0
22	47	Zaanse koeken	9.50	0
23	48	Chocolade	12.75	0
24	50	Valkoinen suklaa	16.25	0
25	52	Filo Mix	7.00	0
26	54	Tourtière	7.45	0
27	57	Ravioli Angelo	19.50	0
28	58	Escargots de Bourgogne	13.25	0
29	66	Louisiana Hot Spiced Okra	17.00	0
30	67	Laughing Lumberjack Lager	14.00	0
31	68	Scottish Longbreads	12.50	0
32	70	Outback Lager	15.00	0
33	73	Röd Kaviar	15.00	0
34	74	Longlife Tofu	10.00	0
35	75	Rhönbräu Klosterbier	7.75	0
36	76	Lakkalikööri	18.00	0

2. Write a query to get Product list (id, name, unit price) where products cost between $15 and $25

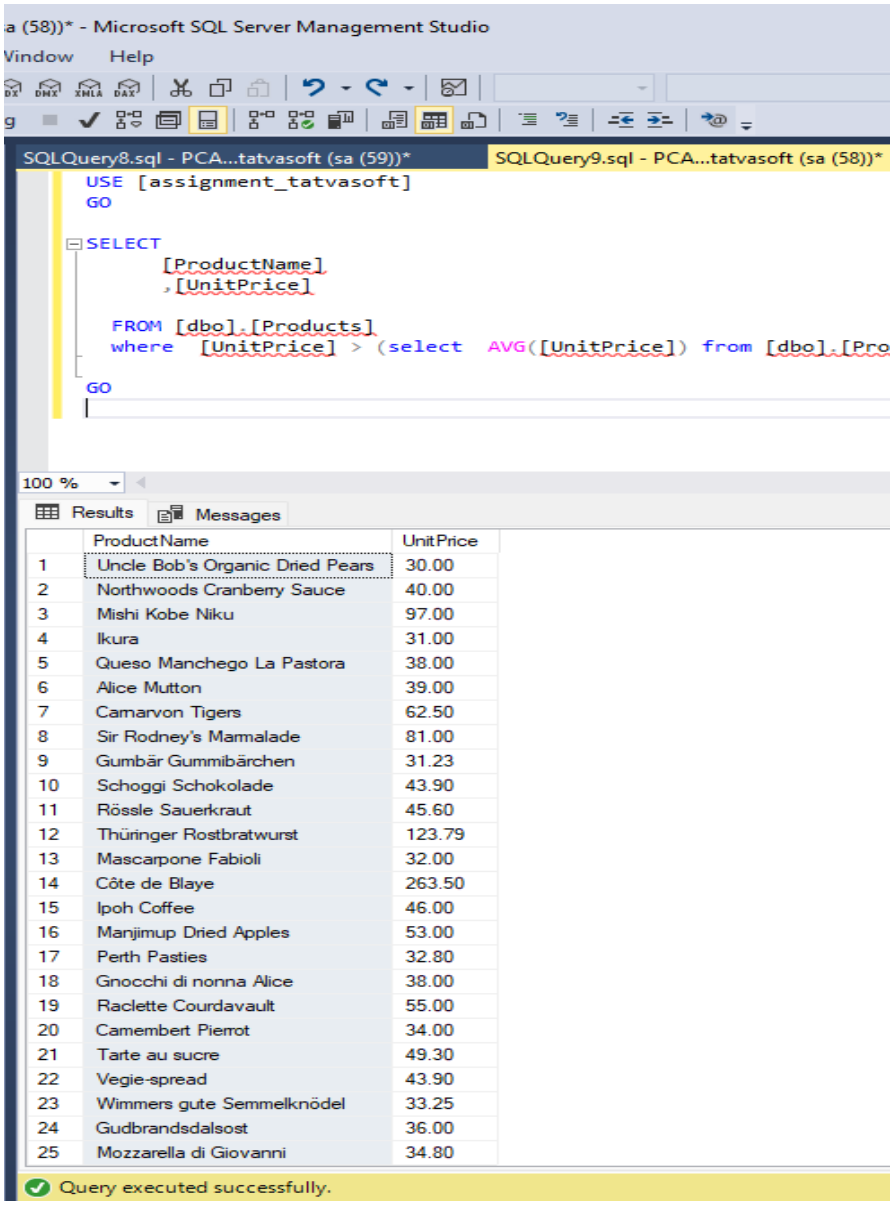
```
USE [assignment_tatvasoft]
GO

SELECT [ProductID]
      ,[ProductName]
      ,[UnitPrice]

  FROM [dbo].[Products]
  where  [UnitPrice] between 15 and 25
GO
```



	ProductID	ProductName	UnitPrice
1	1	Chai	18.00
2	2	Chang	19.00
3	4	Chef Anton's Cajun Seasoning	22.00
4	5	Chef Anton's Gumbo Mix	21.35
5	6	Grandma's Boysenberry Spread	25.00
6	11	Queso Cabrales	21.00
7	14	Tofu	23.25
8	15	Genen Shouyu	15.50
9	16	Pavlova	17.45
10	22	Gustaf's Knäckebröd	21.00
11	35	Steeleye Stout	18.00
12	36	Inlagd Sill	19.00
13	39	Chartreuse verte	18.00
14	40	Boston Crab Meat	18.40
15	44	Gula Malacca	19.45
16	49	Maxilaku	20.00
17	50	Valkoinen suklaa	16.25
18	55	Pâté chinois	24.00
19	57	Ravioli Angelo	19.50
20	65	Louisiana Fiery Hot Pepper S...	21.05
21	66	Louisiana Hot Spiced Okra	17.00
22	70	Outback Lager	15.00
23	71	Flotemysost	21.50
24	73	Röd Kaviar	15.00
25	76	Lakkalikööri	18.00

3. Write a query to get Product list (name, unit price) of above average price.

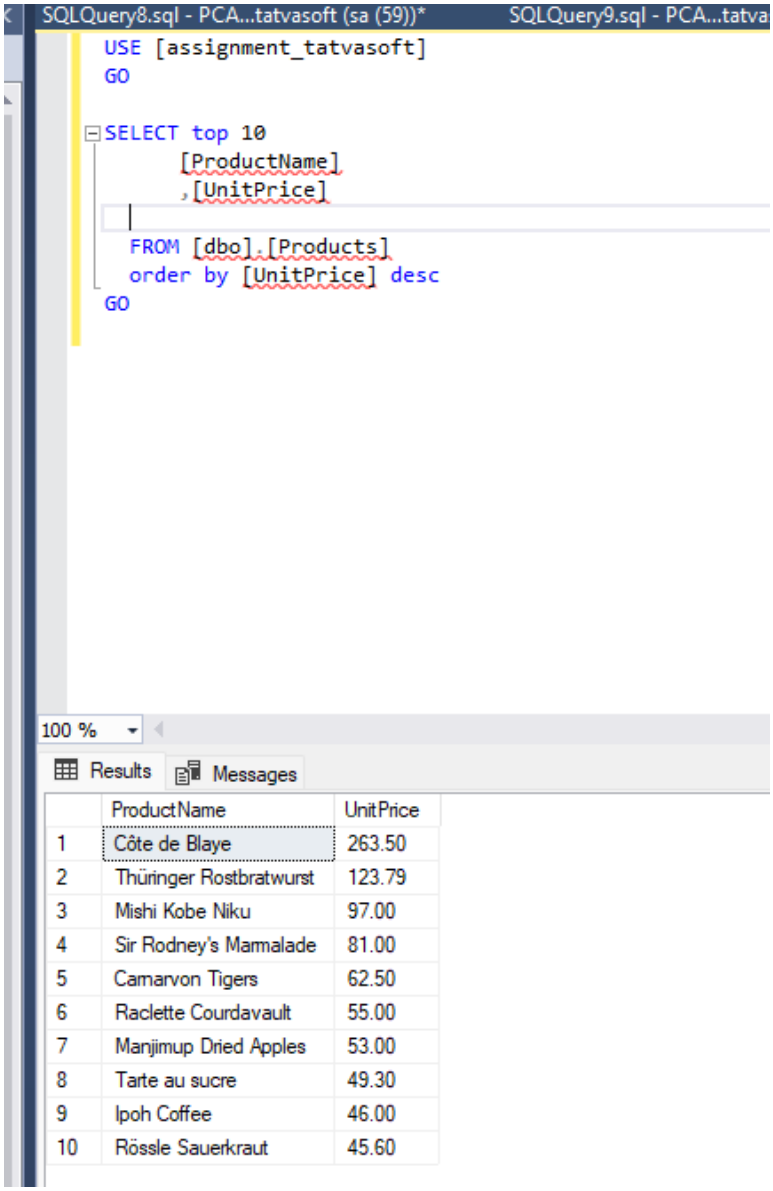
```
USE [assignment_tatvasoft]
GO

SELECT
      [ProductName]
      ,[UnitPrice]

  FROM [dbo].[Products]
  where  [UnitPrice] > (select  AVG([UnitPrice]) from [dbo].[Products])

GO
```



	ProductName	UnitPrice
1	Uncle Bob's Organic Dried Pears	30.00
2	Northwoods Cranberry Sauce	40.00
3	Mishi Kobe Niku	97.00
4	Ikura	31.00
5	Queso Manchego La Pastora	38.00
6	Alice Mutton	39.00
7	Camarvon Tigers	62.50
8	Sir Rodney's Marmalade	81.00
9	Gumbär Gummibärchen	31.23
10	Schoggi Schokolade	43.90
11	Rössle Sauerkraut	45.60
12	Thüringer Rostbratwurst	123.79
13	Mascarpone Fabioli	32.00
14	Côte de Blaye	263.50
15	Ipoh Coffee	46.00
16	Manjimup Dried Apples	53.00
17	Perth Pasties	32.80
18	Gnocchi di nonna Alice	38.00
19	Raclette Courdavault	55.00
20	Camembert Pierrot	34.00
21	Tarte au sucre	49.30
22	Vegie-spread	43.90
23	Wimmers gute Semmelknödel	33.25
24	Gudbrandsdalsost	36.00
25	Mozzarella di Giovanni	34.80

4. Write a query to get Product list (name, unit price) of ten most expensive products

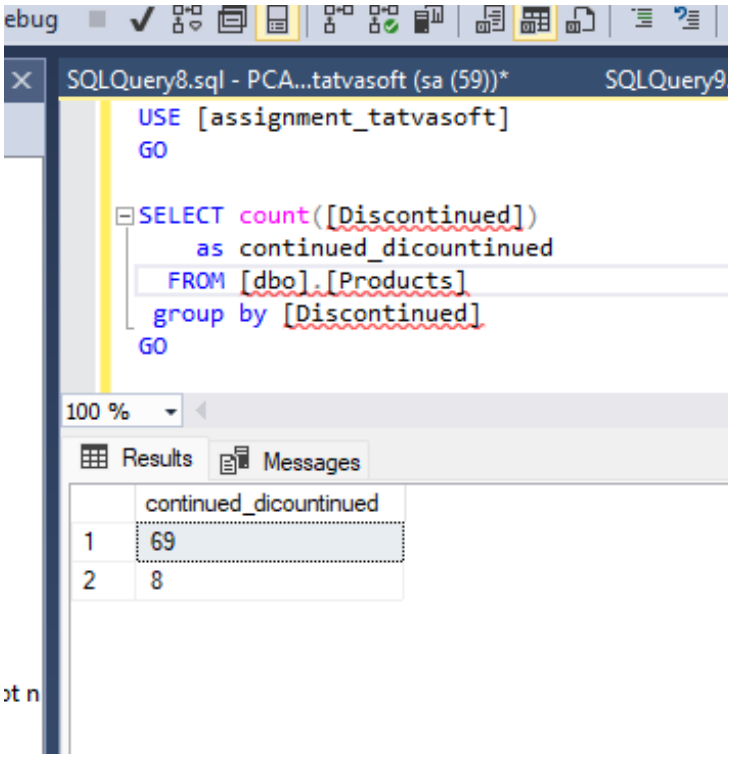
```
USE [assignment_tatvasoft]
GO

SELECT top 10
      [ProductName]
      ,[UnitPrice]

  FROM [dbo].[Products]
  order by [UnitPrice] desc
GO
```



	ProductName	UnitPrice
1	Côte de Blaye	263.50
2	Thüringer Rostbratwurst	123.79
3	Mishi Kobe Niku	97.00
4	Sir Rodney's Marmalade	81.00
5	Carnarvon Tigers	62.50
6	Raclette Courdavault	55.00
7	Manjimup Dried Apples	53.00
8	Tarte au sucre	49.30
9	Ipoh Coffee	46.00
10	Rössle Sauerkraut	45.60

5. Write a query to count current and discontinued products

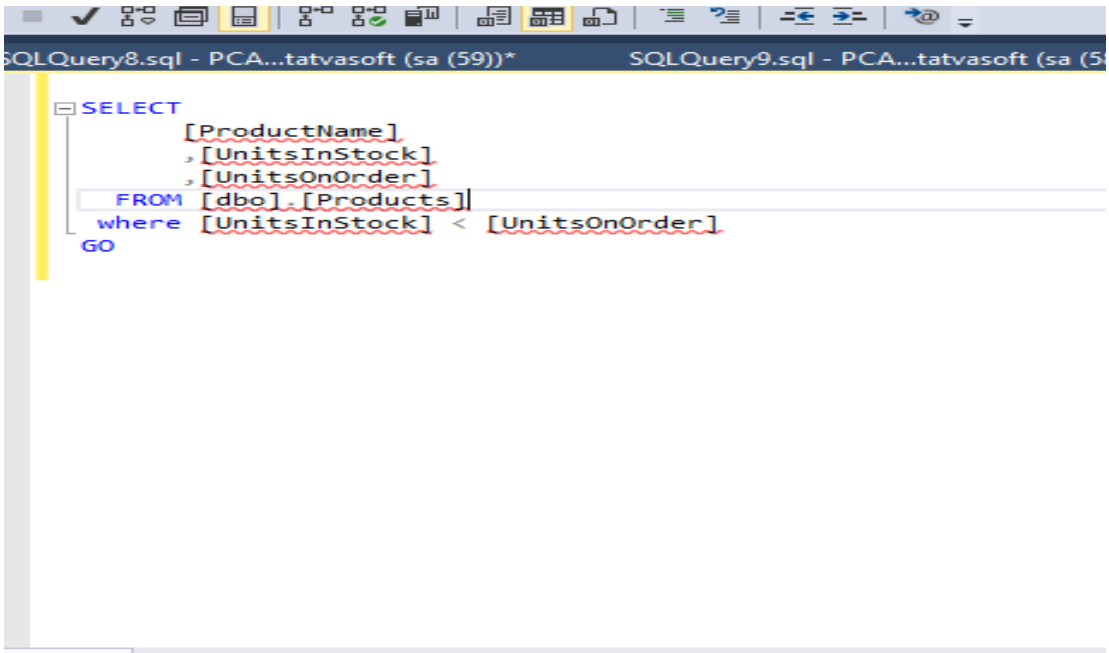
```
USE [assignment_tatvasoft]
GO

SELECT count([Discontinued])
    as continued_dicountinued
  FROM [dbo].[Products]
 group by [Discontinued]
GO
```



6. Write a query to get Product list (name, units on order , units in stock) of stock is less

than the quantity on order

```
USE [assignment_tatvasoft]
GO

SELECT
      [ProductName]
      ,[UnitPrice]

  FROM [dbo].[Products]
  where  [UnitPrice] > (select  AVG([UnitPrice]) from [dbo].[Products])

GO
```



	ProductName	UnitsInStock	UnitsOnOrder
1	Chang	17	40
2	Aniseed Syrup	13	70
3	Queso Cabrales	22	30
4	Sir Rodney's Scones	3	40
5	Gorgonzola Telino	0	70
6	Mascarpone Fabioli	9	40
7	Gravad lax	11	50
8	Rogede sild	5	70
9	Chocolade	15	70
10	Maxilaku	10	60
11	Wimmers gute Semmelknödel	22	80
12	Louisiana Hot Spiced Okra	4	100
13	Scottish Longbreads	6	10
14	Longlife Tofu	4	20