

T-SQL

ORDER BY Kullanımı

(Northwind Veri Tabanı)

ORDER BY Kullanımı

ORDER BY ifadesi kayıtları belirtilen alanda büyükten küçüğe veya küçükten büyüğe göre sıralar. ASC (ascending) parametresi ile küçükten büyüğe, DESC (descending) parametresi ile büyükten küçüğe göre sıralar. Burada sadece sayısal alanlar değil metinsel alanlarda alfabetik olarak sıralanabilir.

Örnek Kullanım:

```
SELECT alan_adi1,alan_adi2
```

```
FROM tablo_adi
```

```
ORDER BY alan_adi2 ASC
```

```
SELECT alan_adi1,alan_adi2
```

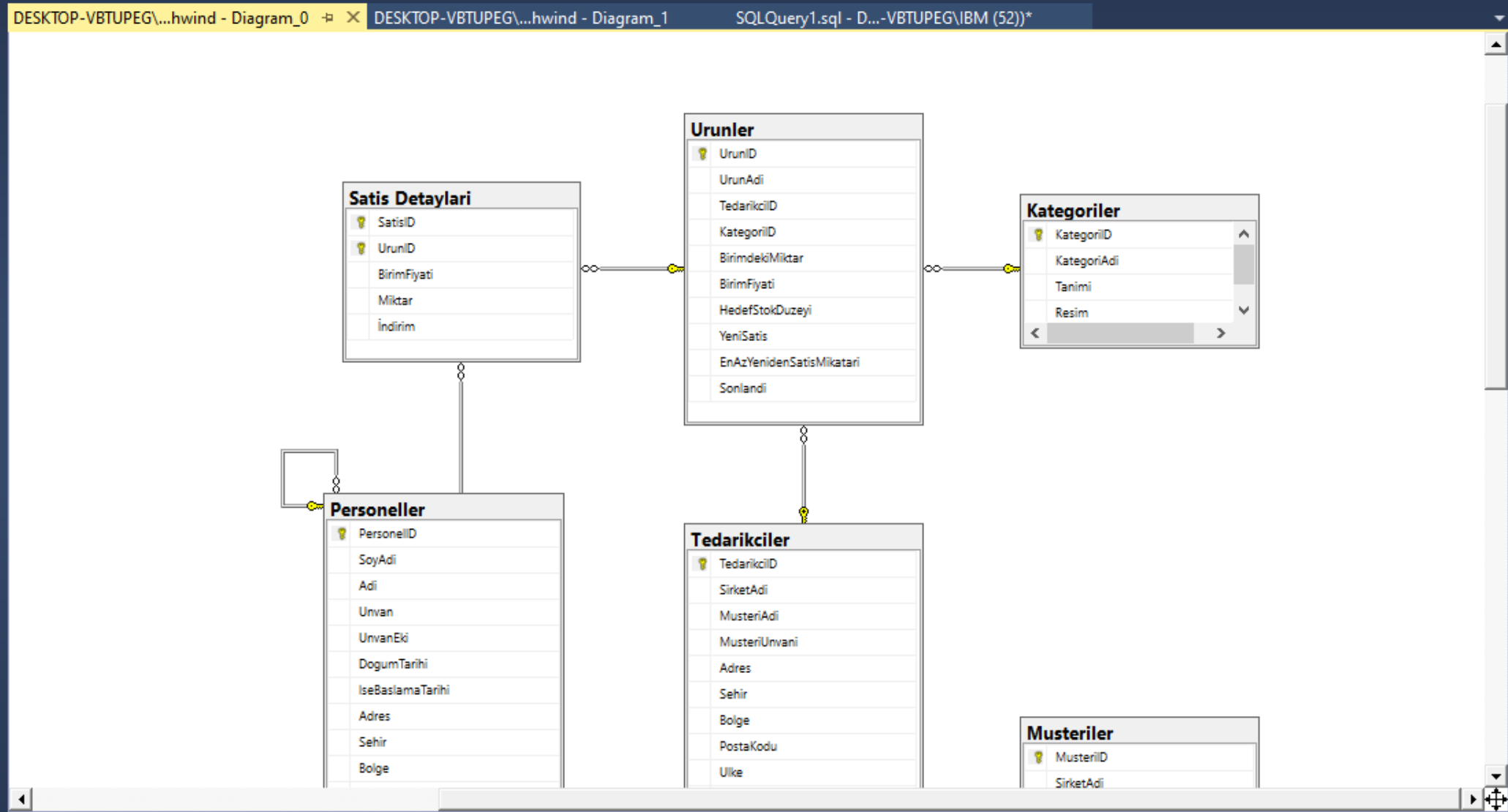
```
FROM tablo_adi
```

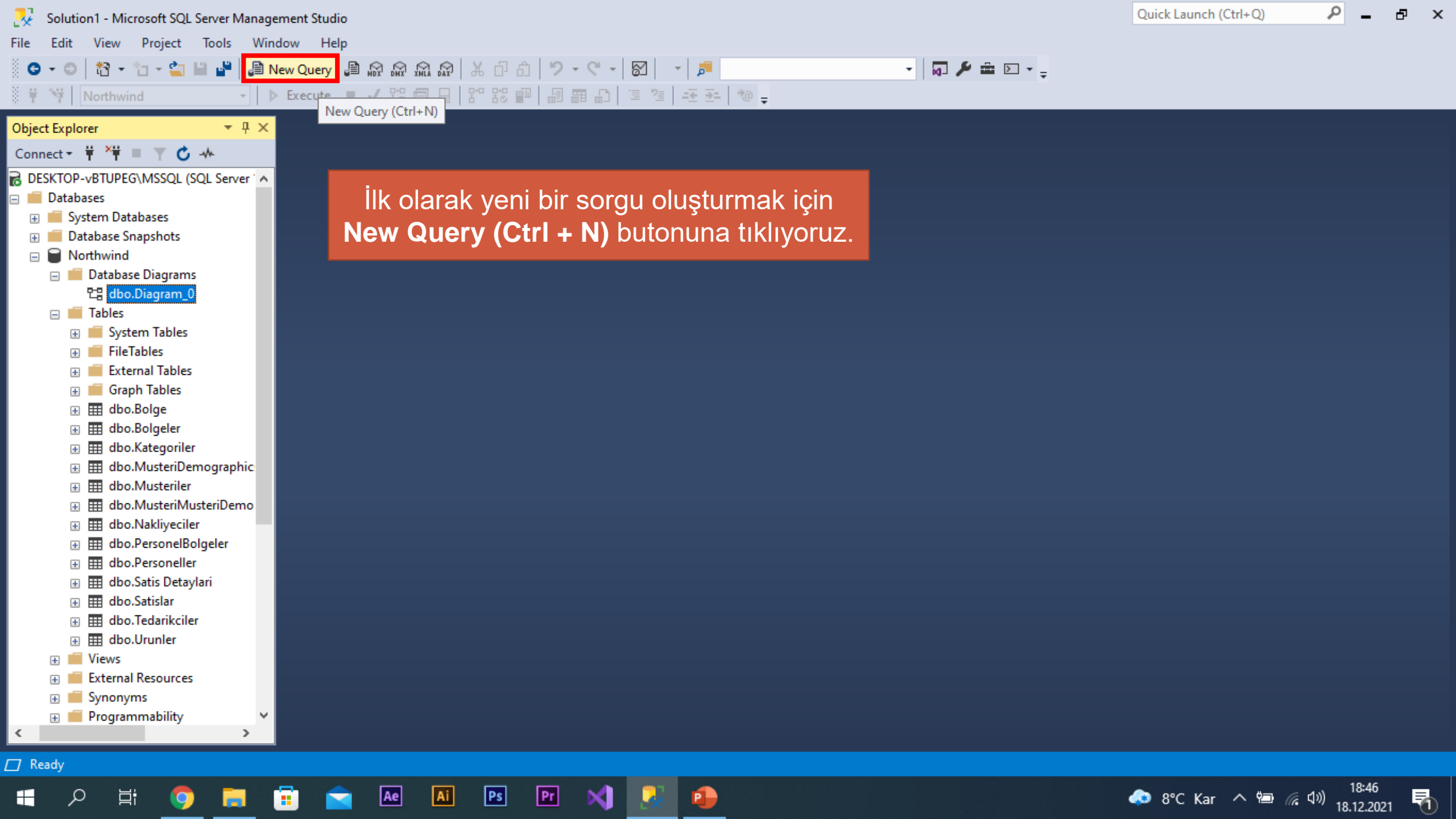
```
ORDER BY alan_adi2 DESC
```

```
SELECT * FROM Personel ORDER BY Meslek_Kodu ASC
```

Object Explorer

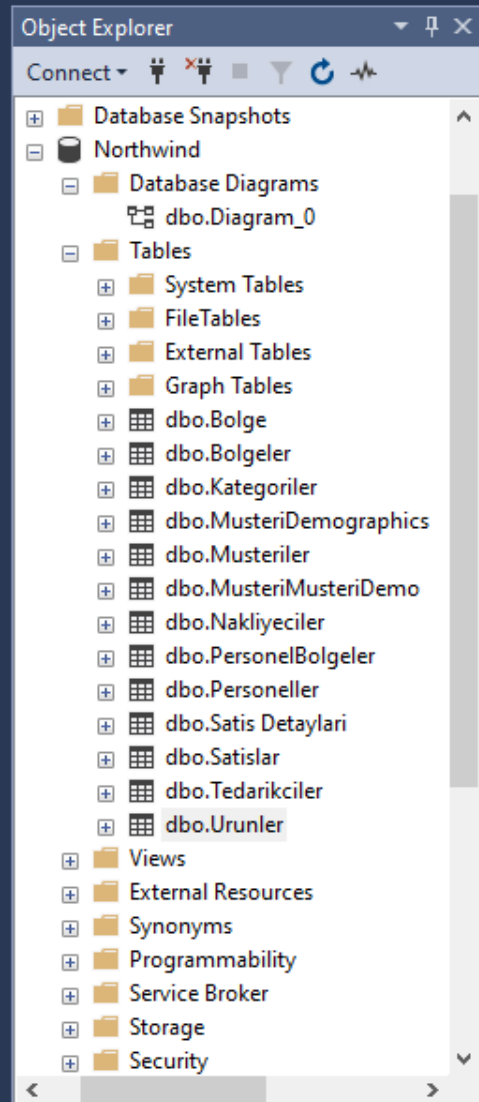
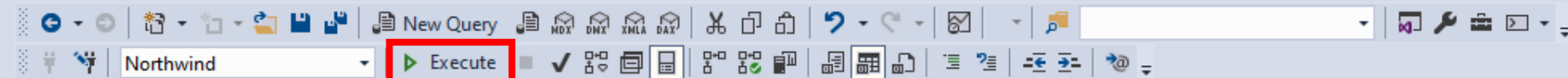
- DESKTOP-vBTUPEG\MSSQL (SQL Server)
- Databases
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 - Northwind
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 - Tables
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İlk olarak yeni bir sorgu oluşturmak için New Query (Ctrl + N) butonuna tıklıyoruz.

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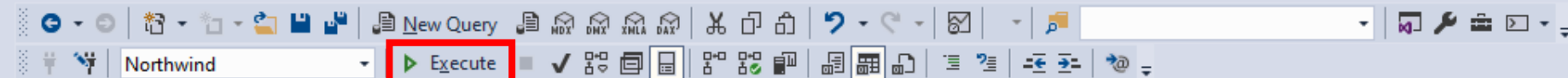
```
-- Urunler tablosundaki verileri birim fiyatına göre sırala
Select * from Urunler order by BirimFiyati --v1
Select * from Urunler order by BirimFiyati asc --v2
```

Yazmış olduğumu sorgu satırını seçip, **Execute** butonuna basarak çalıştırıyoruz.

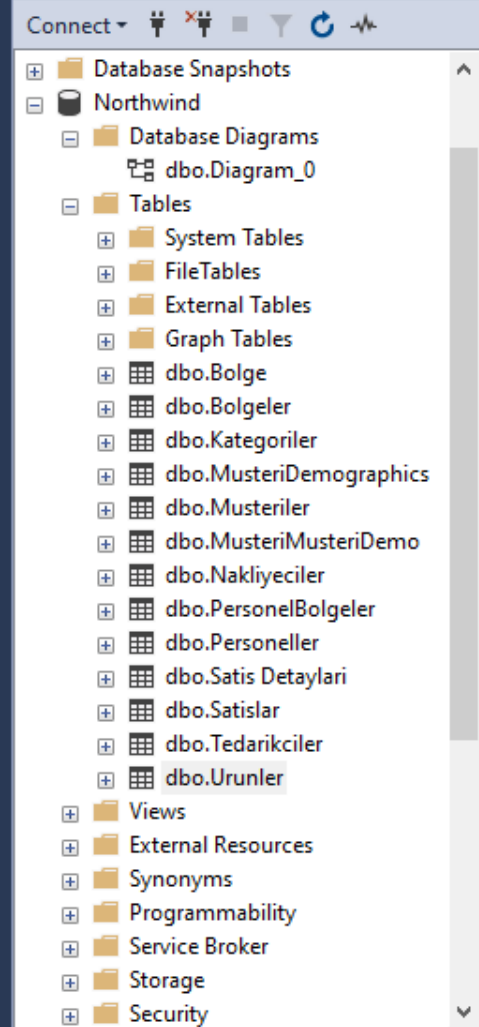
161 %

	UrunID	UrunAdi	TedarikciID	KategoriID	BirimdekiMiktar	BirimFiyati	HedefStokDuzeyi	YeniSatis	EnAzYenidenSatisMikatarı	Sonlandı
1	33	Geitost	15	4	500 g	2,50	112	0	20	0
2	24	Guaraná Fantástica	10	1	12 - 355 ml cans	4,50	20	0	0	1
3	13	Konbu	6	8	2 kg box	6,00	24	0	5	0
4	52	Filo Mix	24	5	16 - 2 kg boxes	7,00	38	0	25	0
5	54	Tourtière	25	6	16 pies	7,45	21	0	10	0
6	75	Rhönbräu Klosterbier	12	1	24 - 0.5 l bottles	7,75	125	0	25	0
7	23	Tunnbröd	9	5	12 - 250 g pkgs.	9,00	61	0	25	0
8	19	Teatime Chocolate Biscuits	8	3	10 boxes x 12 pieces	9,20	25	0	5	0
9	47	Zaanse koeken	22	3	10 - 4 oz boxes	9,50	36	0	0	0
10	45	Rogede sild	21	8	1k pkg.	9,50	5	70	15	0
11	41	Jack's New England Clam Chowder	19	8	12 - 12 oz cans	9,65	85	0	10	0

Query executed successfully. | DESKTOP-VBTUPEG\MSSQL (15.0... | DESKTOP-VBTUPEG\IBM (59) | Northwind | 00:00:00 | 77 rows



Object Explorer



SQLQuery3.sql - D...-VBTUPEG\IBM (59)* - DESKTOP-VBTUPEG\...hwind - Diagram_0

```
-- Urunler tablosundaki verileri ürün adına göre küçükten büyüğe doğru sırala
```

```
Select * from Urunler order by UrunAdi
```

161 %

Results

Messages

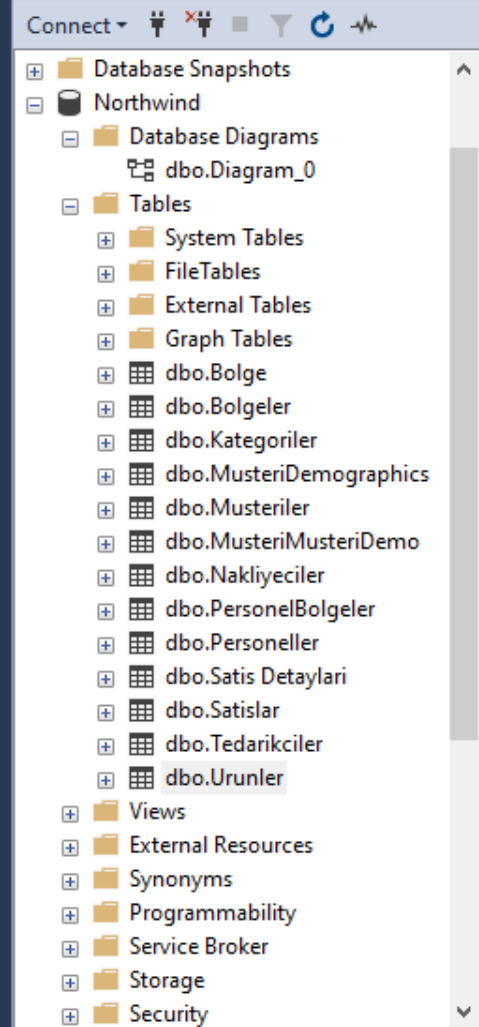
	UrunID	UrunAdi	TedarikciID	KategoriID	BirimdekiMiktar	BirimFiyati	HedefStokDuzeyi	YeniSatis	EnAzYenidenSatisMikatarı	Sonlandı
1	17	Alice Mutton	7	6	20 - 1 kg tins	39,00	0	0	0	1
2	3	Aniseed Syrup	1	2	12 - 550 ml bottles	10,00	13	70	25	0
3	40	Boston Crab Meat	19	8	24 - 4 oz tins	18,40	123	0	30	0
4	60	Camembert Pierrot	28	4	15 - 300 g rounds	34,00	19	0	0	0
5	18	Camarvon Tigers	7	8	16 kg pkg.	62,50	42	0	0	0
6	1	Chai	1	1	10 boxes x 20 bags	18,00	39	0	10	0
7	2	Chang	1	1	24 - 12 oz bottles	19,00	17	40	25	0
8	39	Chartreuse verte	18	1	750 cc per bottle	18,00	69	0	5	0
9	4	Chef Anton's Cajun Seasoning	2	2	48 - 6 oz jars	22,00	53	0	0	0
10	5	Chef Anton's Gumbo Mix	2	2	36 boxes	21,35	0	0	0	1
11	48	Chocolade	22	3	10 pkgs.	12,75	15	70	25	0

Query executed successfully.

DESKTOP-vBTUPEG\MSSQL (15.0... | DESKTOP-VBTUPEG\IBM (59) | Northwind | 00:00:00 | 77 rows



Object Explorer



SQLQuery3.sql - D...-VBTUPEG\IBM (59))* - DESKTOP-VBTUPEG\...hwind - Diagram_0

```
-- Urunler tablosundaki verileri ürün adına göre büyükten küçüğe doğru sırala
```

```
Select * from Urunler order by UrunAdi desc
```

161 %

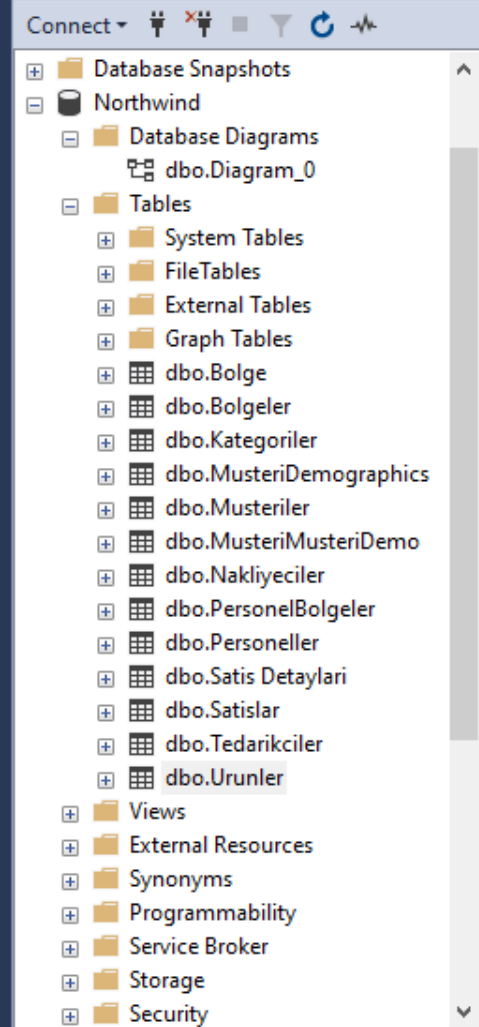
Results

Messages

	UrunID	UrunAdi	TedarikciID	KategoriID	BirimdekiMiktar	BirimFiyati	HedefStokDuzeyi	YeniSatis	EnAzYenidenSatisMiktar	Sonlandi
1	47	Zaanse koeken	22	3	10 - 4 oz boxes	9,50	36	0	0	0
2	64	Wimmers gute Semmelknödel	12	5	20 bags x 4 pieces	33,25	22	80	30	0
3	63	Vegie-spread	7	2	15 - 625 g jars	43,90	24	0	5	0
4	50	Valkoinen suklaa	23	3	12 - 100 g bars	16,25	65	0	30	0
5	7	Uncle Bob's Organic Dried Pear	3	7	12 - 1 lb pkgs.	30,00	15	0	10	0
6	23	Tunnbröd	9	5	12 - 250 g pkgs.	9,00	61	0	25	0
7	54	Tourtière	25	6	16 pies	7,45	21	0	10	0
8	14	Tofu	6	7	40 - 100 g pkgs.	23,25	35	0	0	0
9	29	Thüringer Rostbratwurst	12	6	50 bags x 30 sausgs.	123,79	0	0	0	1
10	19	Teatime Chocolate Biscuits	8	3	10 boxes x 12 pieces	9,20	25	0	5	0
11	62	Tarte au sucre	29	3	48 pies	49,30	17	0	0	0

Query executed successfully.

DESKTOP-vBTUPEG\MSSQL (15.0... | DESKTOP-VBTUPEG\IBM (59) | Northwind | 00:00:00 | 77 rows



```
-- Stok miktarı 50'den büyük olan ve kategori ID'si 1,2,3 olan ürünleri  
-- fiyatına göre büyükten küçüğe doğru sırala
```

```
Select * from Urunler where HedefStokDuzeyi>50 and KategoriID in (1,2,3)  
order by BirimFiyati desc
```

161 %

	UrunID	UrunAdi	TedarikciID	KategoriID	BirimdekiMiktar	BirimFiyati	HedefStokDuzeyi	YeniSatis	EnAzYenidenSatisMikartari	Sonlandi
1	61	Sirop d'érable	29	2	24 - 500 ml bottles	28,50	113	0	25	0
2	6	Grandma's Boysenberry Spread	3	2	12 - 8 oz jars	25,00	120	0	25	0
3	4	Chef Anton's Cajun Seasoning	2	2	48 - 6 oz jars	22,00	53	0	0	0
4	65	Louisiana Fiery Hot Pepper Sauce	2	2	32 - 8 oz bottles	21,05	76	0	0	0
5	39	Chartreuse verte	18	1	750 cc per bottle	18,00	69	0	5	0
6	76	Lakkalikööri	23	1	500 ml	18,00	57	0	20	0
7	50	Valkoinen suklaa	23	3	12 - 100 g bars	16,25	65	0	30	0
8	25	NuNuCa Nuß-Nougat-Creme	11	3	20 - 450 g glasses	14,00	76	0	30	0
9	34	Sasquatch Ale	16	1	24 - 12 oz bottles	14,00	111	0	15	0
10	67	Laughing Lumberjack Lager	16	1	24 - 12 oz bottles	14,00	52	0	10	0
11	75	Rhönbräu Klosterbier	12	1	24 - 0.5l bottles	7,75	125	0	25	0

Query executed successfully. | DESKTOP-vBTUPEG\MSSQL (15.0... | DESKTOP-VBTUPEG\IBM (59) | Northwind | 00:00:00 | 11 rows