



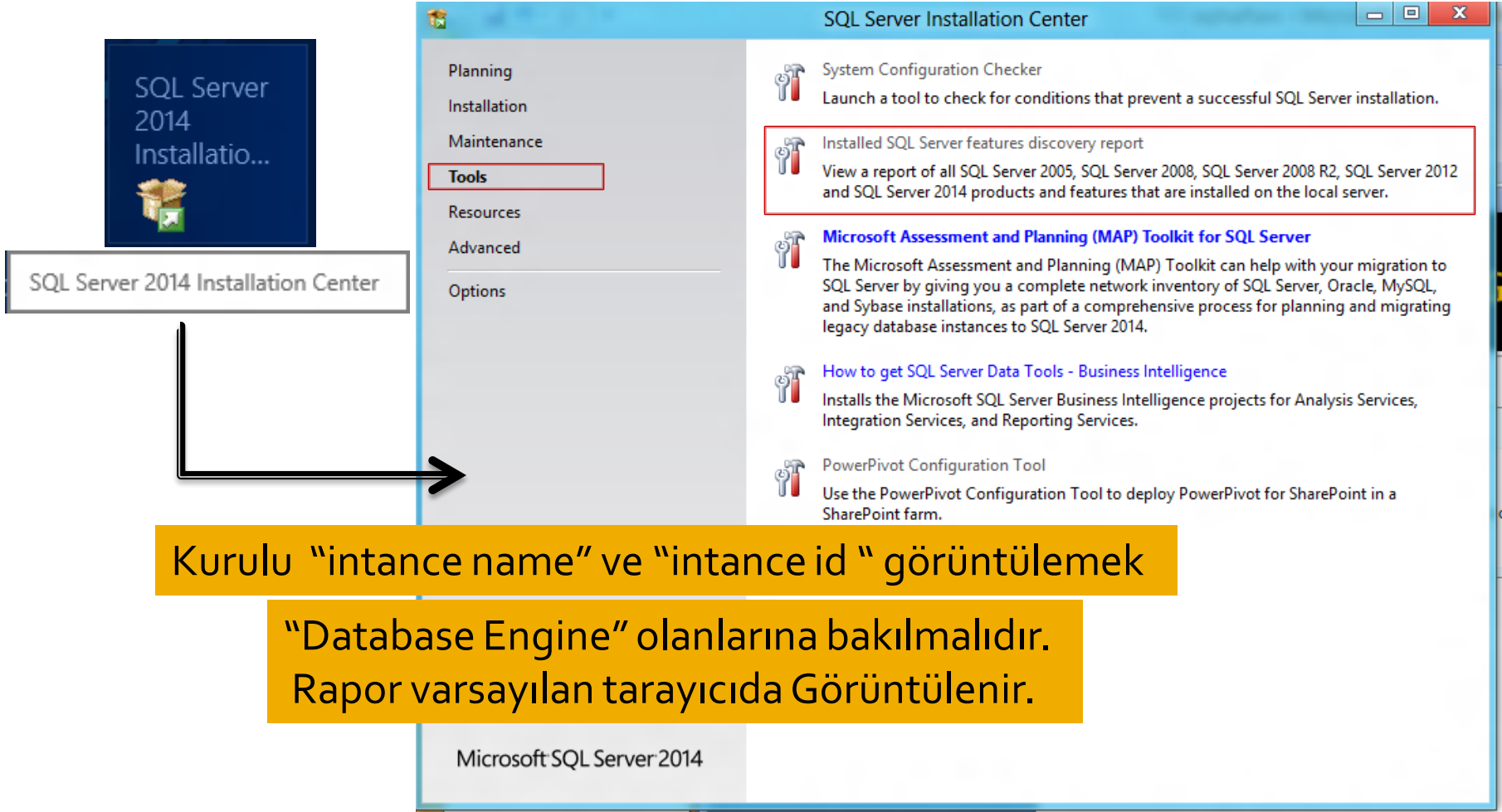
# Sql server management studio

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# SQL SERVER MANAGEMENT STUDIO

- MsSQL server kurulduktan sonra, beraberinde kurulan diğer araçları da öğrenmek faydalı olacaktır.
- Öncelikle "Management Studio" ile "Database Engine" bağlantısı kurulurken "Server Name" ve "Authentication Mode" bilinmelidir.
- Server Name'in ne olduğunu öğrenmek için şu işlemler yapılmalıdır.

# SQL SERVER MANAGEMENT STUDIO



The image shows a screenshot of the SQL Server 2014 Installation Center. On the left, there is a blue box with the text "SQL Server 2014 Installatio..." and a small icon of a box with a green arrow. Below it, a white box contains the text "SQL Server 2014 Installation Center". An arrow points from this box to the "Tools" section of the Installation Center. The Installation Center window has a blue title bar and a sidebar with the following options: Planning, Installation, Maintenance, Tools (highlighted with a red box), Resources, Advanced, and Options. The main content area lists several tools:

- System Configuration Checker: Launch a tool to check for conditions that prevent a successful SQL Server installation.
- Installed SQL Server features discovery report: View a report of all SQL Server 2005, SQL Server 2008, SQL Server 2008 R2, SQL Server 2012 and SQL Server 2014 products and features that are installed on the local server.
- Microsoft Assessment and Planning (MAP) Toolkit for SQL Server: The Microsoft Assessment and Planning (MAP) Toolkit can help with your migration to SQL Server by giving you a complete network inventory of SQL Server, Oracle, MySQL, and Sybase installations, as part of a comprehensive process for planning and migrating legacy database instances to SQL Server 2014.
- How to get SQL Server Data Tools - Business Intelligence: Installs the Microsoft SQL Server Business Intelligence projects for Analysis Services, Integration Services, and Reporting Services.
- PowerPivot Configuration Tool: Use the PowerPivot Configuration Tool to deploy PowerPivot for SharePoint in a SharePoint farm.

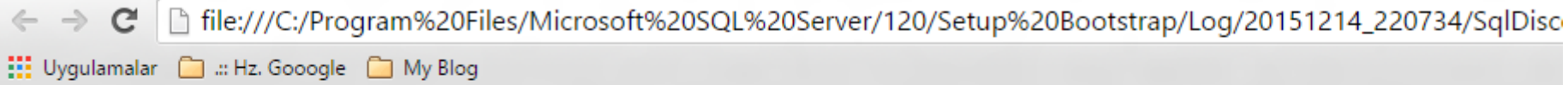
At the bottom of the window, it says "Microsoft SQL Server 2014".

Kurulu "instance name" ve "instance id " görüntülemek

"Database Engine" olanlarına bakılmalıdır.  
Rapor varsayılan tarayıcıda Görüntülenir.

# SQL SERVER MANAGEMENT STUDIO

“Connect” için “Database Engine” bağlantısı için buraya bakılmalıdır.



## Microsoft SQL Server 2014 Setup Discovery Report

Product	Instance	Instance ID	Feature	Language	Edition	Version
Microsoft SQL Server 2014	SQLEXPRESS	MSSQL12.SQLEXPRESS	Database Engine Services	1033	Express Edition	12.0.20
Microsoft SQL Server 2014	SQLEXPRESS	MSSQL12.SQLEXPRESS	SQL Server Replication	1033	Express Edition	12.0.20
Microsoft SQL Server 2014			Management Tools - Basic	1033	Express Edition	12.0.20
Microsoft SQL Server 2014			Management Tools - Complete	1033	Express Edition	12.0.20
Microsoft SQL Server 2014			Client Tools Connectivity	1033	Express Edition	12.0.20
Microsoft SQL Server 2014			Client Tools Backwards Compatibility	1033	Express Edition	12.0.20
Microsoft SQL Server 2014			Client Tools SDK	1033	Express Edition	12.0.20

# SQL SERVER MANAGEMENT STUDIO

Microsoft SQL Server 2014

Server type: Database Engine

Server name: \SQLEXPRESS

Authentication: Windows Authentication

User name: LOCALHOST\LEGOLAS

Password:

Remember password

Connect Cancel Help Options >>

# SQL SERVER MANAGEMENT STUDIO

SQL Servisinin çalışıp çalışmadığını kontrol etmek :

SQL Server  
2014  
Configur...



Sql Serv

SQL Server 2014 Configuration Manager

SQL Server Configuration Manager (Local)

SQL Server Services

SQL Server Network Configuration

SQL Native Client 11.0 Configuration

Name

State

SQL Server (SQLEXPRESS)

Running

SQL Server Agent (SQLEXPRESS)

Stopped

SQL Server Browser

Running

Sql Server Configuration Manager

Start Mode

Log On As

Process ID

Service Type

Automatic

NT Service\MSSQL...

1620

SQL Server

Other (Boot, System...

NT AUTHORITY\NE...

0

SQL Agent

Automatic

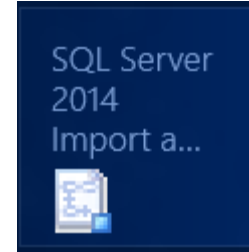
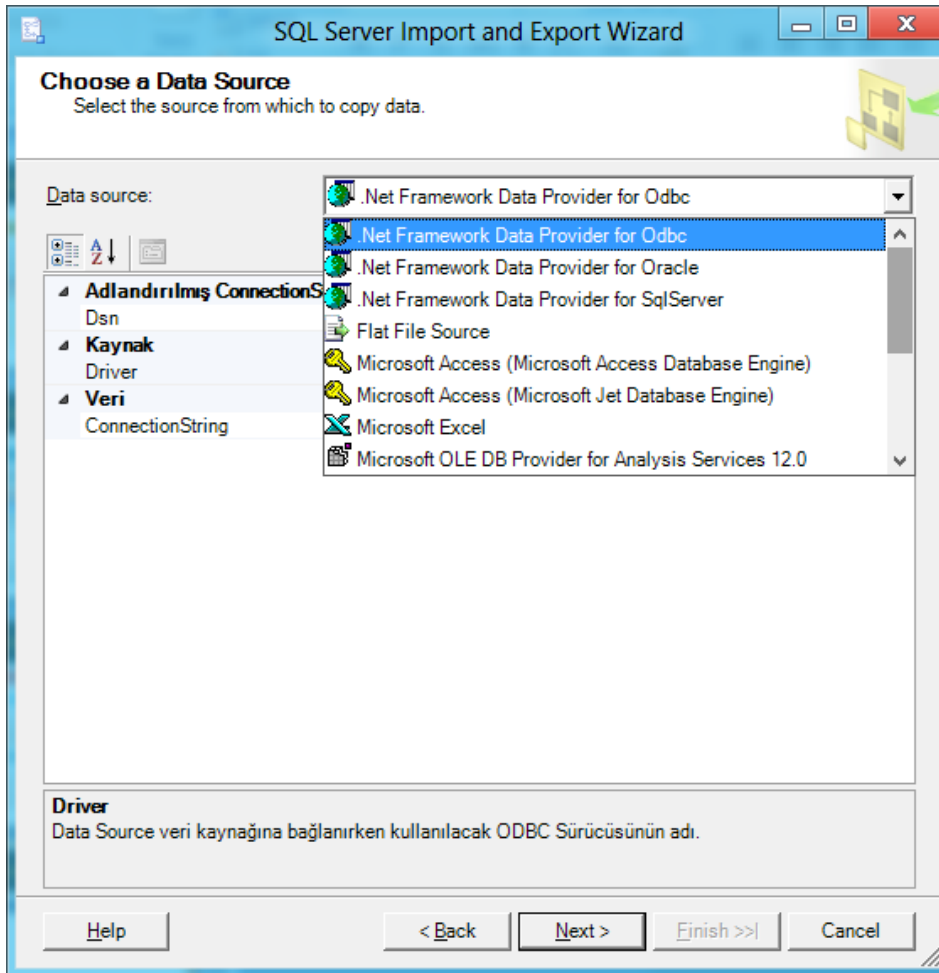
NT AUTHORITY\LO...

1704

SQL Browser

# SQL SERVER MANAGEMENT STUDIO

## SQL import and export data (32 bit):

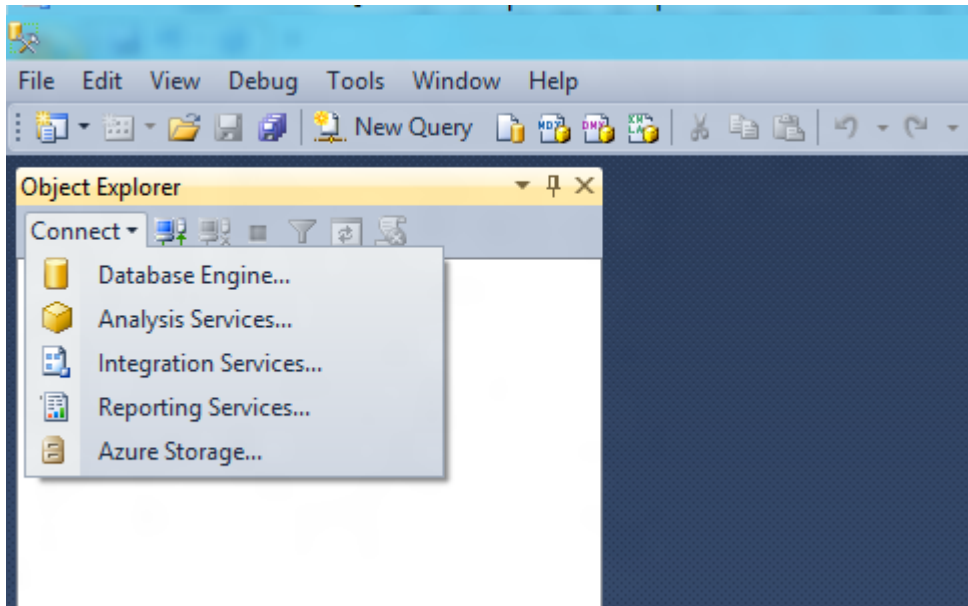


SQL Server 2014 Import and Export Data (32-bit)

Bu wizard örneğın excelden, acces'dan oracle'dan veri import işlemi ve/veya bu durumun tersini yapar.

# SQL SERVER MANAGEMENT STUDIO

## SQL Management studio bağlantıları



Bu örnekte "Azure" bulut işlemleri de dahil beş bağlantı servisi vardır. Bağlantımızda "Database Engine" kullanacağız.



# SQL SERVER MANAGEMENT STUDIO

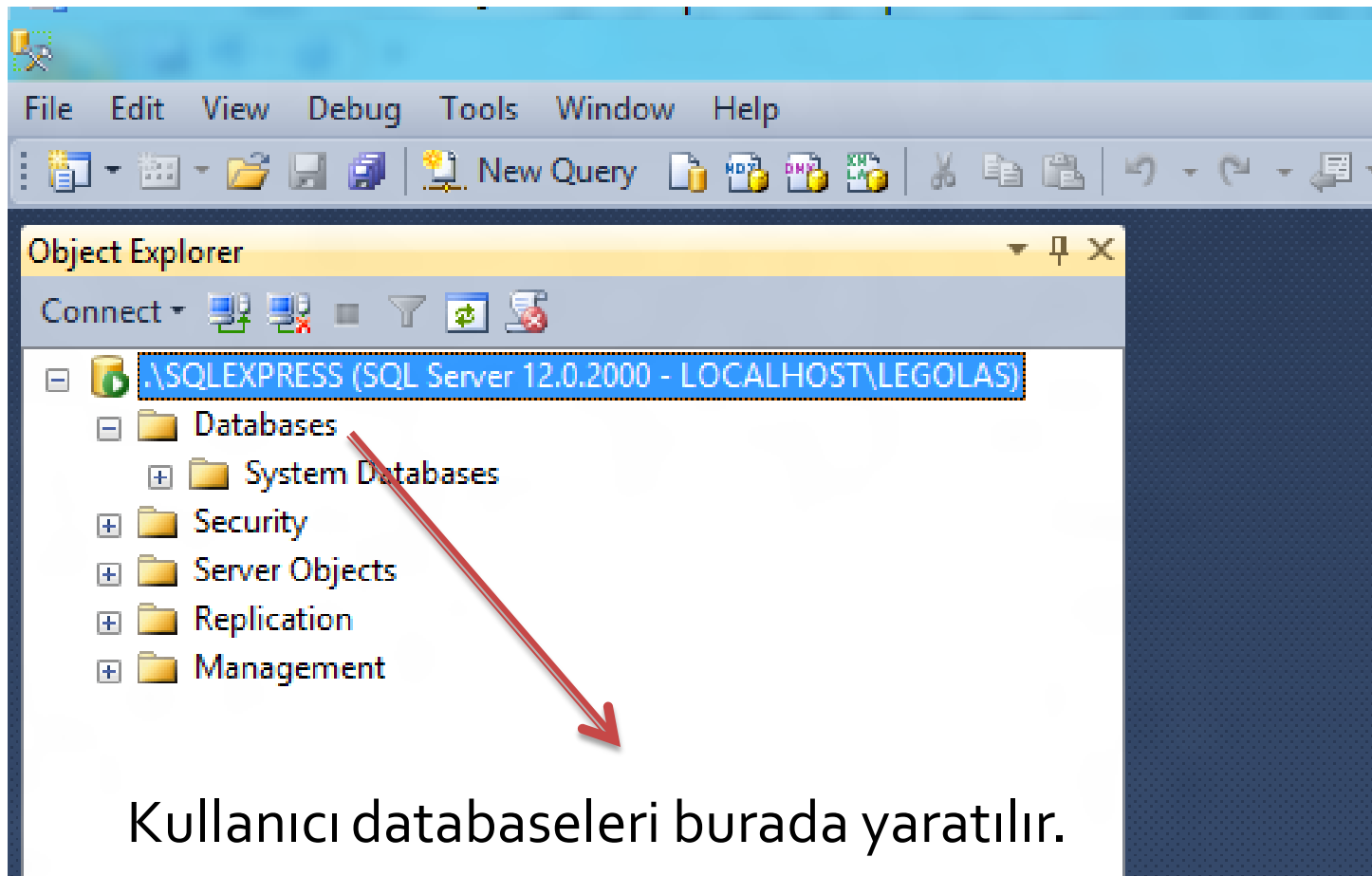
SQL Management studio "Database Engine"

Kullanıcı Adı

Parametreler seçildikten sonra "connect" yapılır.

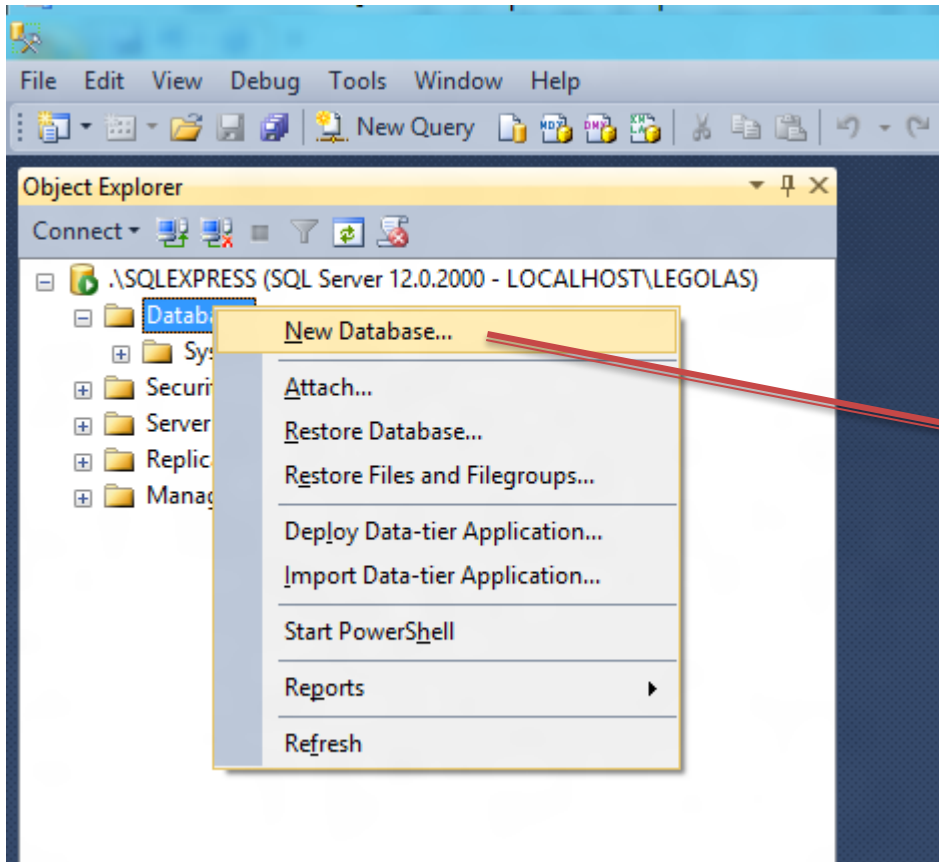
# SQL SERVER MANAGEMENT STUDIO

SQL Management studio "Database Engine"



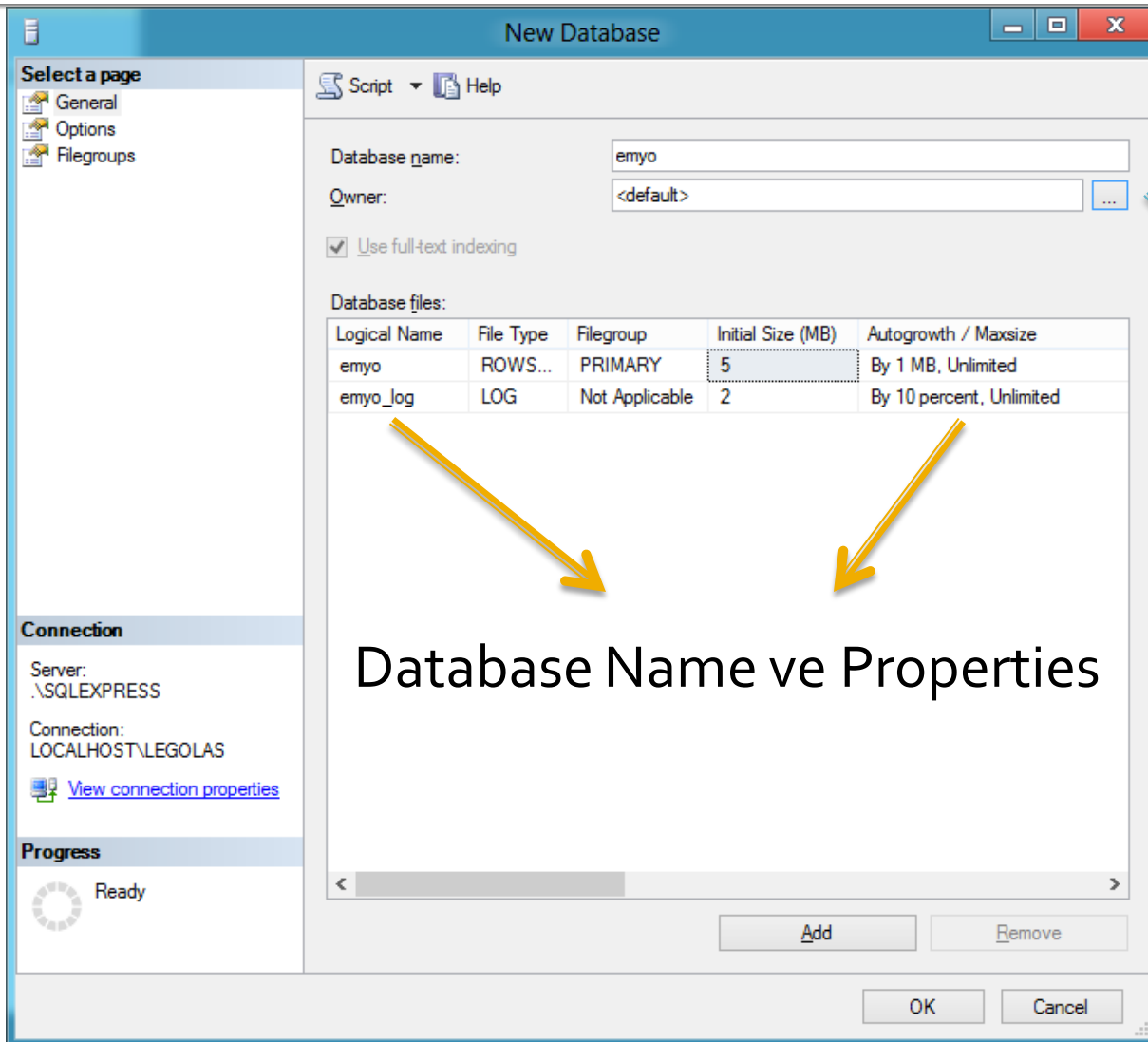
# SQL SERVER MANAGEMENT STUDIO

SQL Management studio "Database Engine"

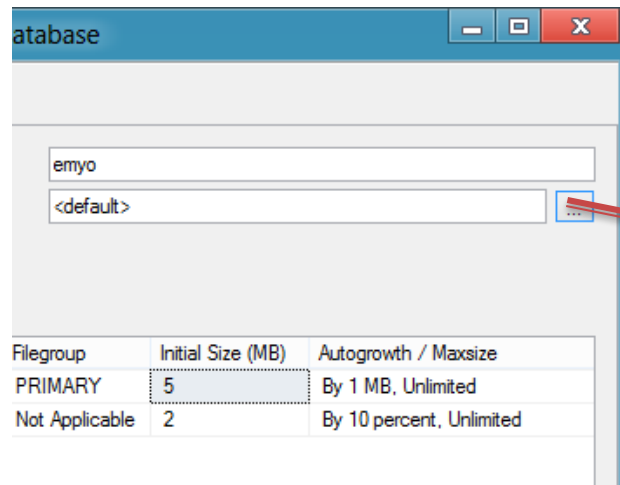


"New Database" seçilir.

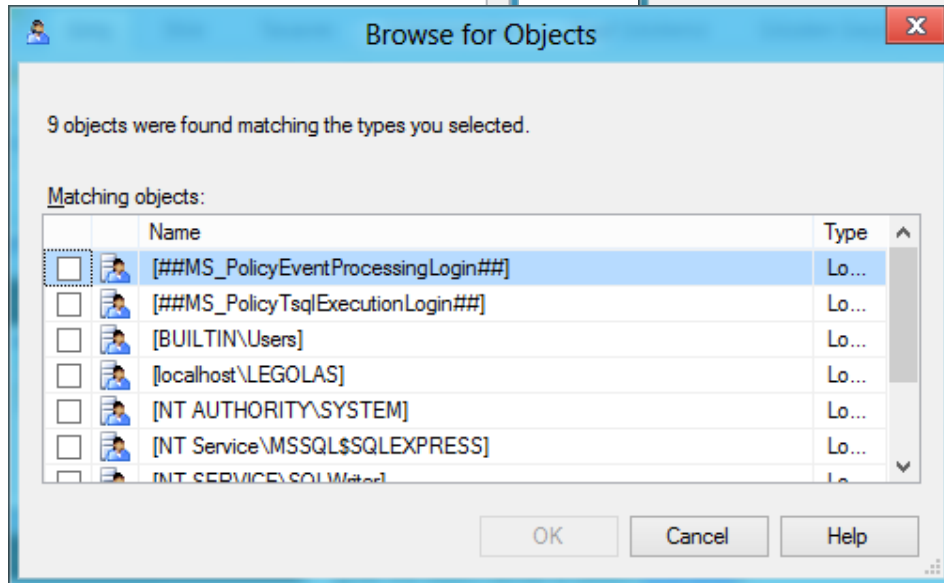
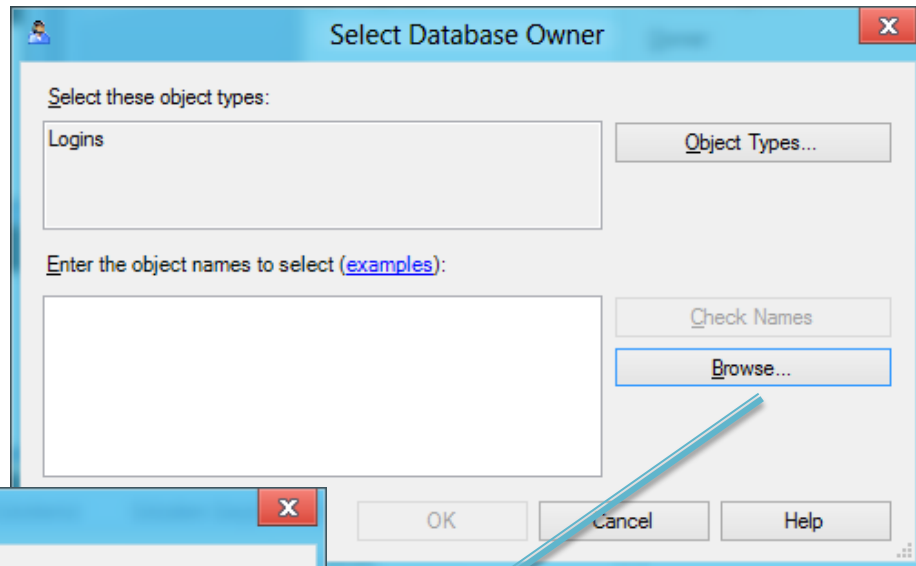
# SQL SERVER MANAGEMENT STUDIO



# SQL SERVER MANAGEMENT STUDIO

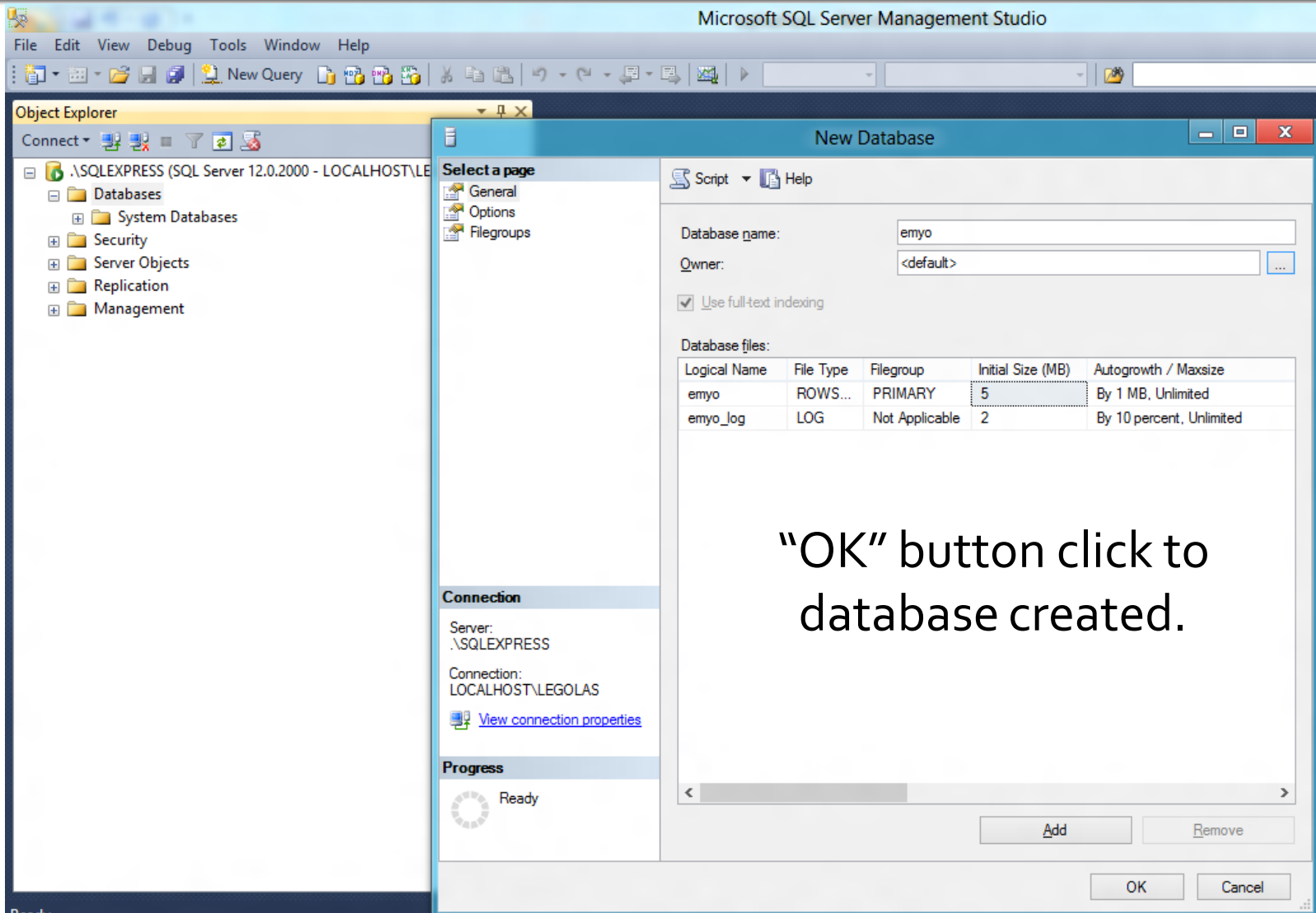


Filegroup	Initial Size (MB)	Autogrowth / Maxsize
PRIMARY	5	By 1 MB, Unlimited
Not Applicable	2	By 10 percent, Unlimited

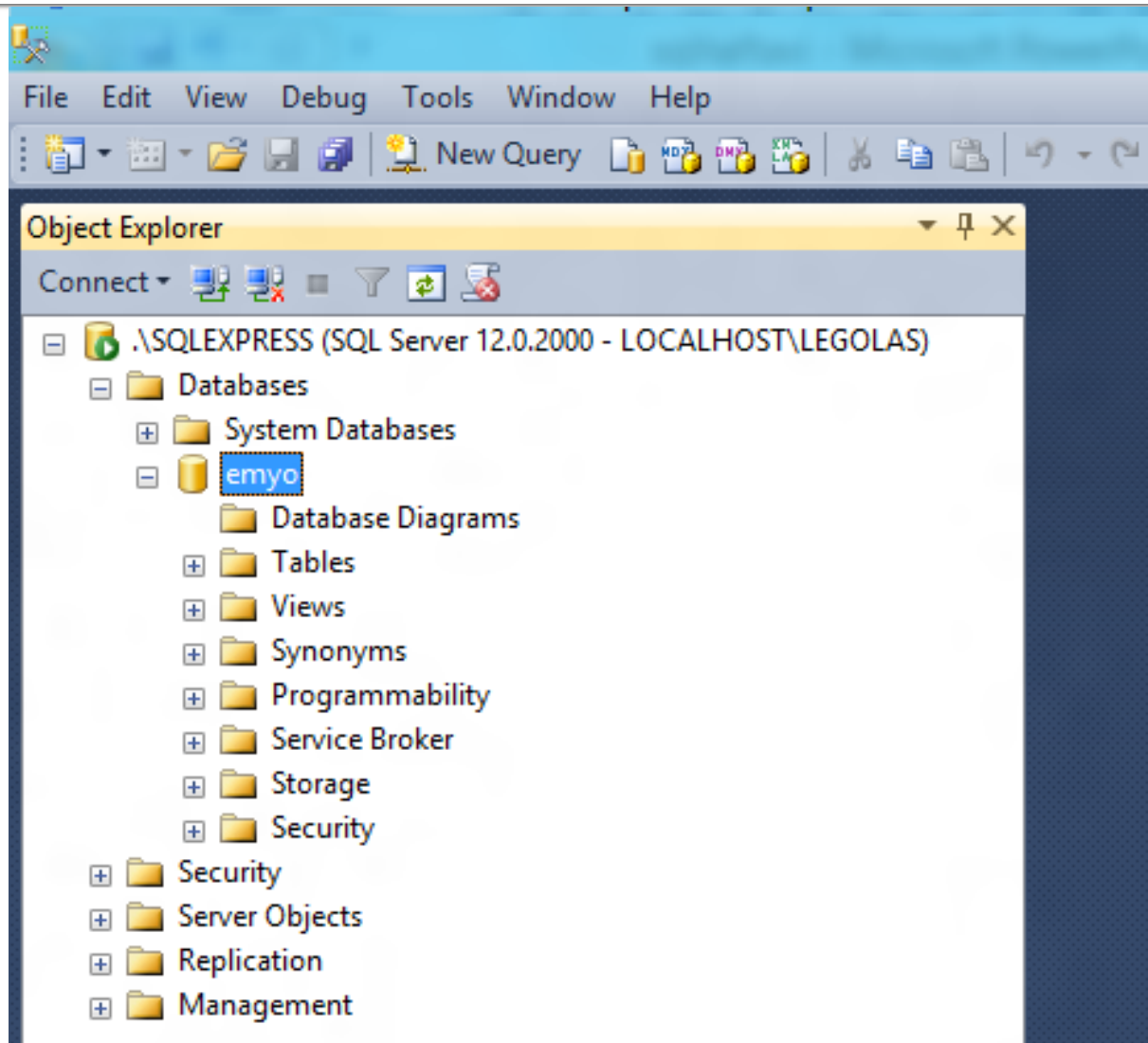


System users for selected Database owner

# SQL SERVER MANAGEMENT STUDIO



# SQL SERVER MANAGEMENT STUDIO



Yaratılan veritabanının  
Adı "emyo"

Bu veritabanı için  
tablo yapalım.

# SQL SERVER MANAGEMENT STUDIO

Önce basit bir tablo ile başlayalım (tasarı)

ogr_no	ogr_adi	ogr_soyadi	vize	Final
1024	Ali	Kartal	80	70
2125	Buket	Saygı	50	40
4120	Ayşe	Şahin	60	80
1235	Mahmut	Kızılırmak	30	40
2346	Sedef	Solmaz	40	20
3456	Banu	Güzel	70	50
4567	Meryem	Çiçek	90	70
9876	Murat	Kalmaz	60	20
1234	Selami	Kelle	50	60
5678	Erşan	Kuneri	80	70



# SQL SERVER MANAGEMENT STUDIO

LOCALHOST\SQLEXP...yo - dbo.ogrnci

Column Name	Data Type	Allow Nulls
ogr_no	nchar(4)	<input checked="" type="checkbox"/>
ogr_adi	nchar(20)	<input checked="" type="checkbox"/>
ogr_soyadi	nchar(30)	<input checked="" type="checkbox"/>
vize	smallint	<input checked="" type="checkbox"/>
final	smallint	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

Column Properties

(General)

(Name)	ogr_no
Allow Nulls	Yes
Data Type	nchar
Default Value or Binding	
Length	4

(General)

Properties

[Tbl] dbo.ogrnci

(Identity)

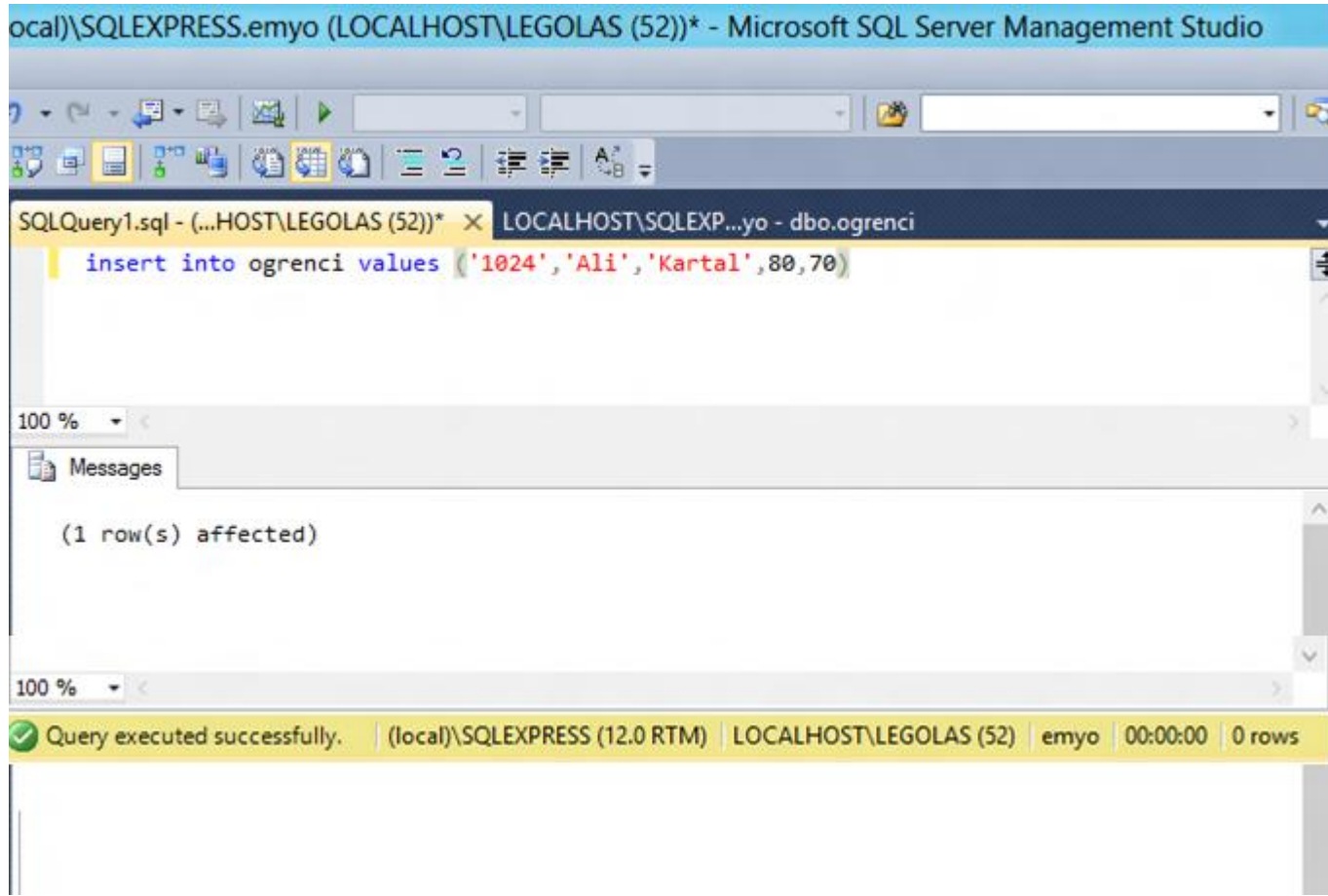
(Name)	ogrnci
Database Name	emyo
Description	
Schema	dbo
Server Name	localhost\sqlexpress

Table Designer

Identity Column	
Indexable	Yes
Lock Escalation	Table
Regular Data Space	PRIMARY
Replicated	No
Row GUID Column	
Text/Image Filegroup	PRIMARY

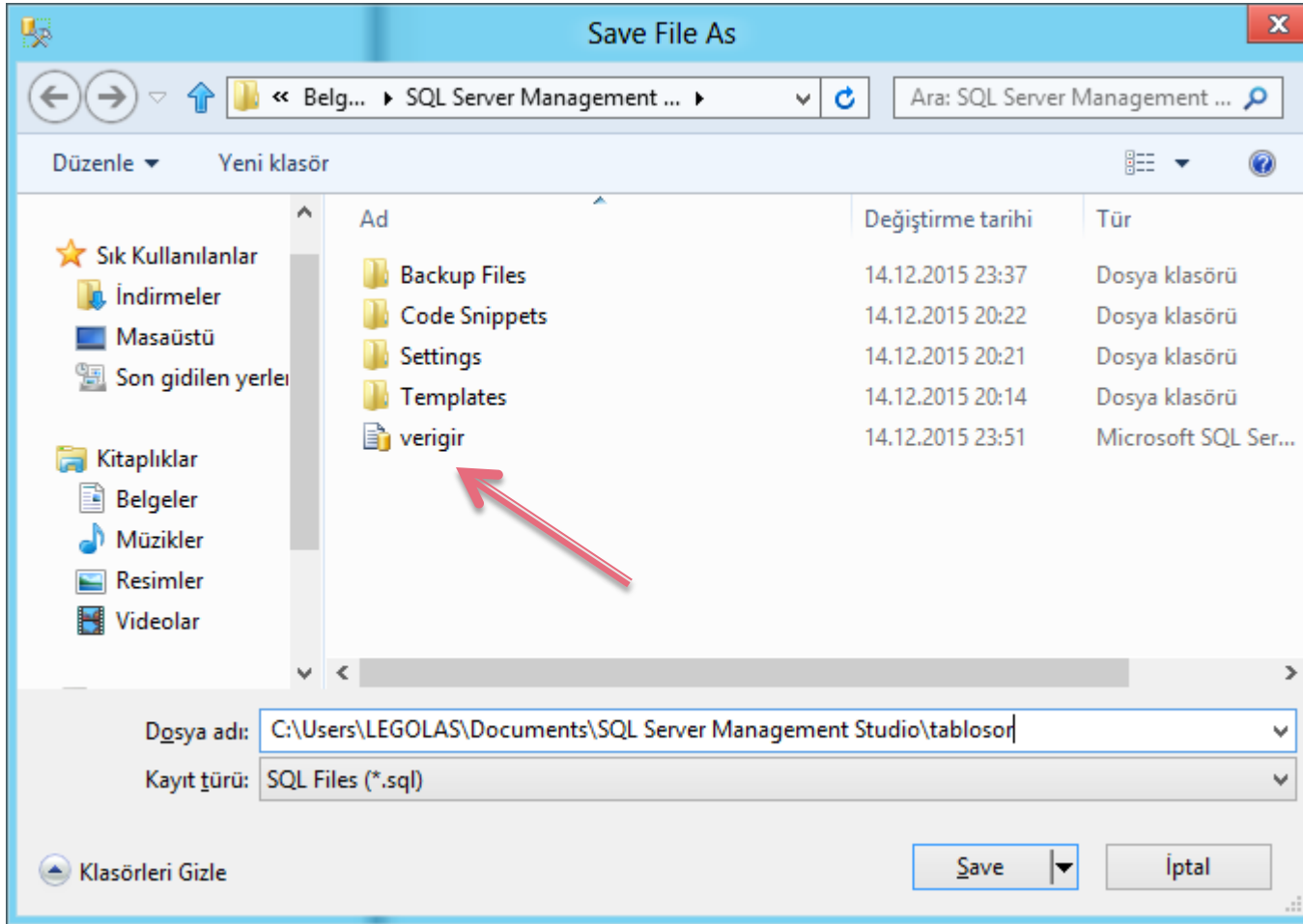
Ogrnci adlı tablo yaratıldıktan sonra "save" edilmelidir.

# SQL SERVER MANAGEMENT STUDIO



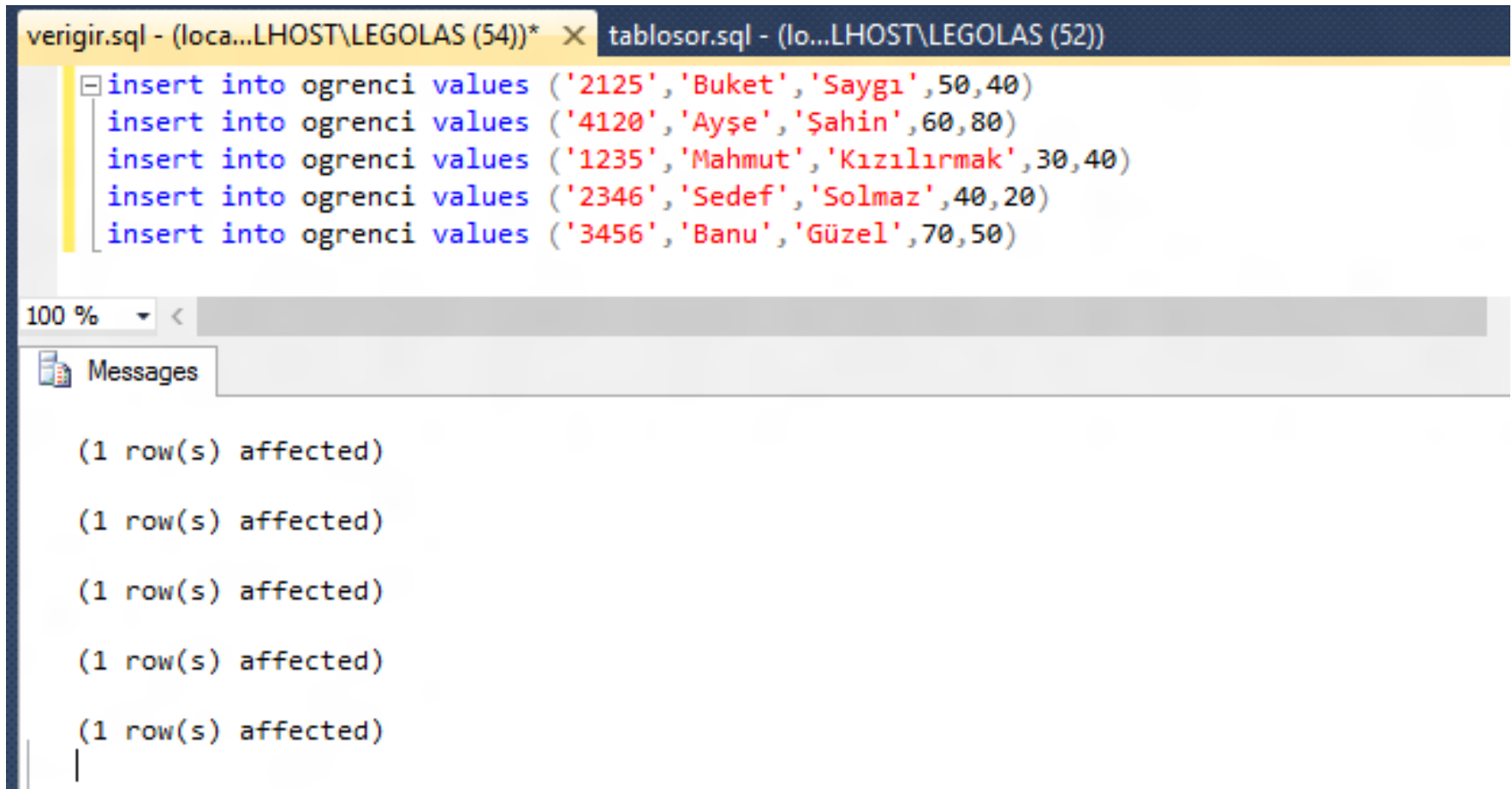
Tablomuza ilk kaydı girmiş olduk.

# SQL SERVER MANAGEMENT STUDIO



Query kayıt ederken önceki query üzerine kaydetmemek için "save as" seçin.

# SQL SERVER MANAGEMENT STUDIO

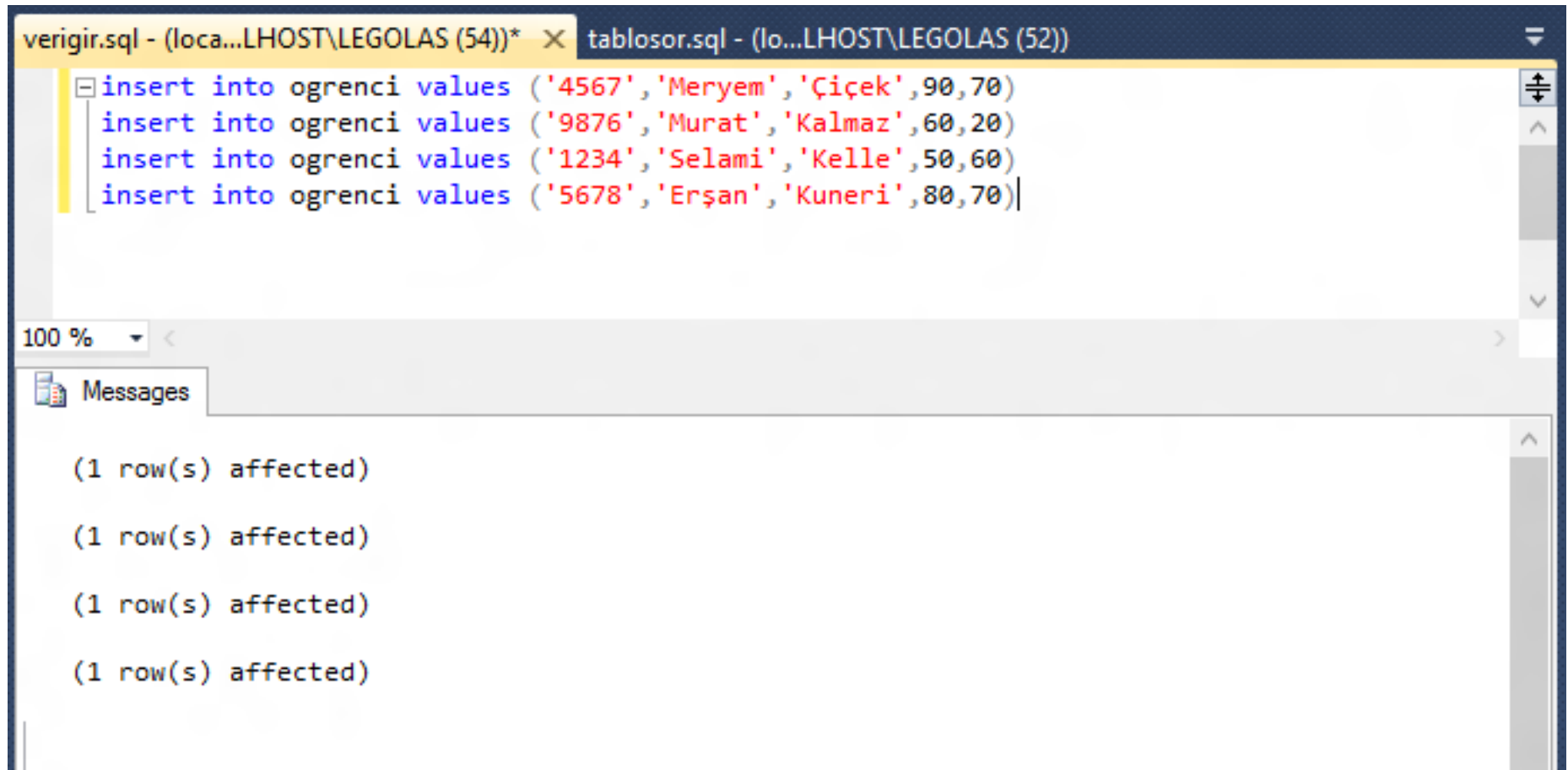


The screenshot shows the SQL Server Management Studio interface. The top pane contains a batch of five INSERT statements for the 'ogrenci' table. The bottom pane, labeled 'Messages', shows the execution results for each statement, indicating that one row was affected by each.

```
verigir.sql - (loca...LHOST\LEGOLAS (54))* X tablosor.sql - (lo...LHOST\LEGOLAS (52))  
  
insert into ogrenci values ('2125', 'Buket', 'Saygi', 50, 40)  
insert into ogrenci values ('4120', 'Ayşe', 'Şahin', 60, 80)  
insert into ogrenci values ('1235', 'Mahmut', 'Kızıllırmak', 30, 40)  
insert into ogrenci values ('2346', 'Sedef', 'Solmaz', 40, 20)  
insert into ogrenci values ('3456', 'Banu', 'Güzel', 70, 50)  
  
100 %  
Messages  
  
(1 row(s) affected)  
  
(1 row(s) affected)  
  
(1 row(s) affected)  
  
(1 row(s) affected)  
  
(1 row(s) affected)
```

Birden fazla query aynı anda execute edilebilir.

# SQL SERVER MANAGEMENT STUDIO



The screenshot shows the SQL Server Enterprise Manager interface. At the top, there are two tabs: 'verigir.sql - (loca...LHOST\LEGOLAS (54))\*' and 'tablosor.sql - (lo...LHOST\LEGOLAS (52))'. The main editor area contains four SQL INSERT statements for a table named 'ogrenci'. Below the editor, a 'Messages' pane shows the execution results for each statement, indicating that one row was affected by each.

```
insert into ogrenci values ('4567', 'Meryem', 'Çiçek', 90, 70)
insert into ogrenci values ('9876', 'Murat', 'Kalmaz', 60, 20)
insert into ogrenci values ('1234', 'Selami', 'Kelle', 50, 60)
insert into ogrenci values ('5678', 'Erşan', 'Kuneri', 80, 70)
```

100 %

Messages

(1 row(s) affected)

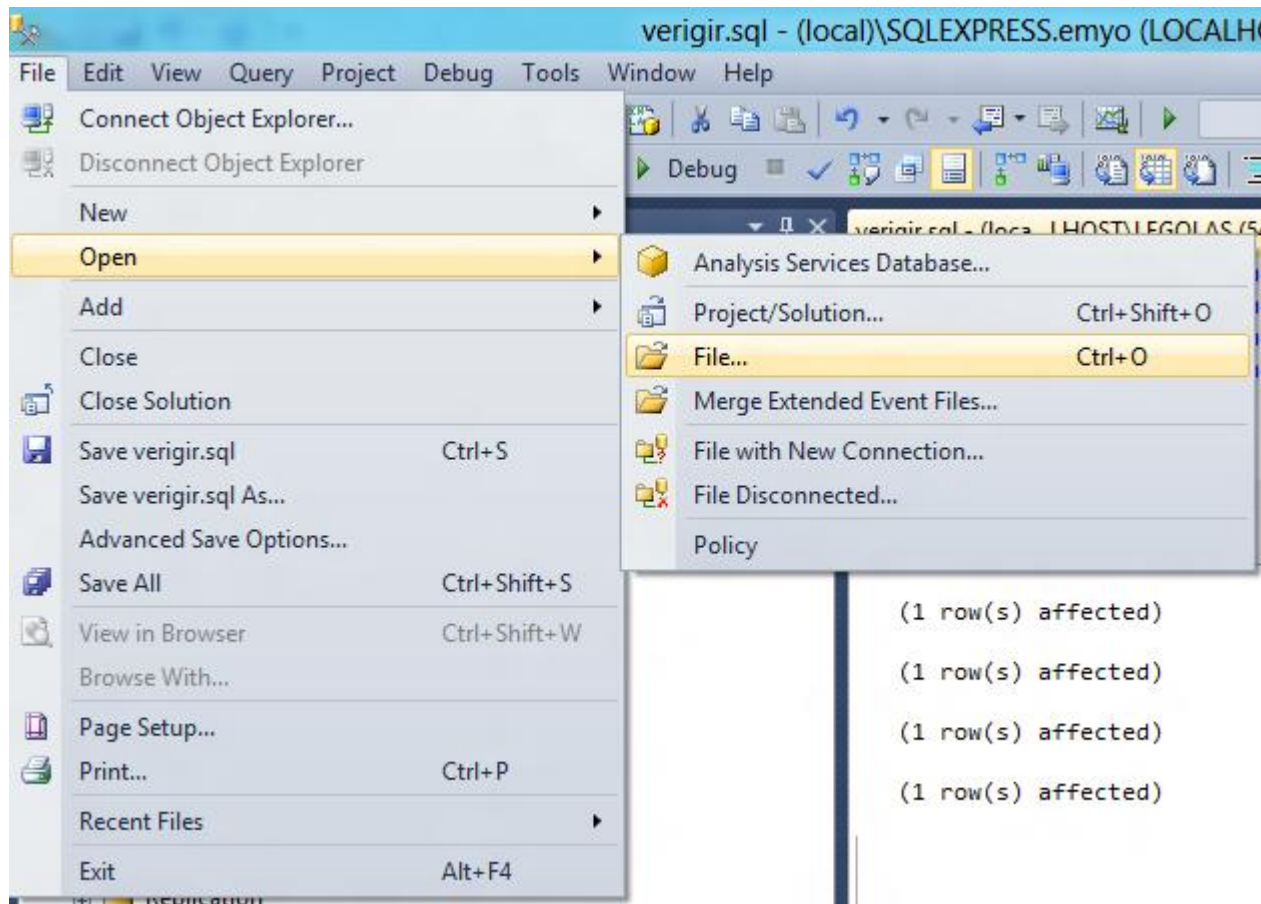
(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

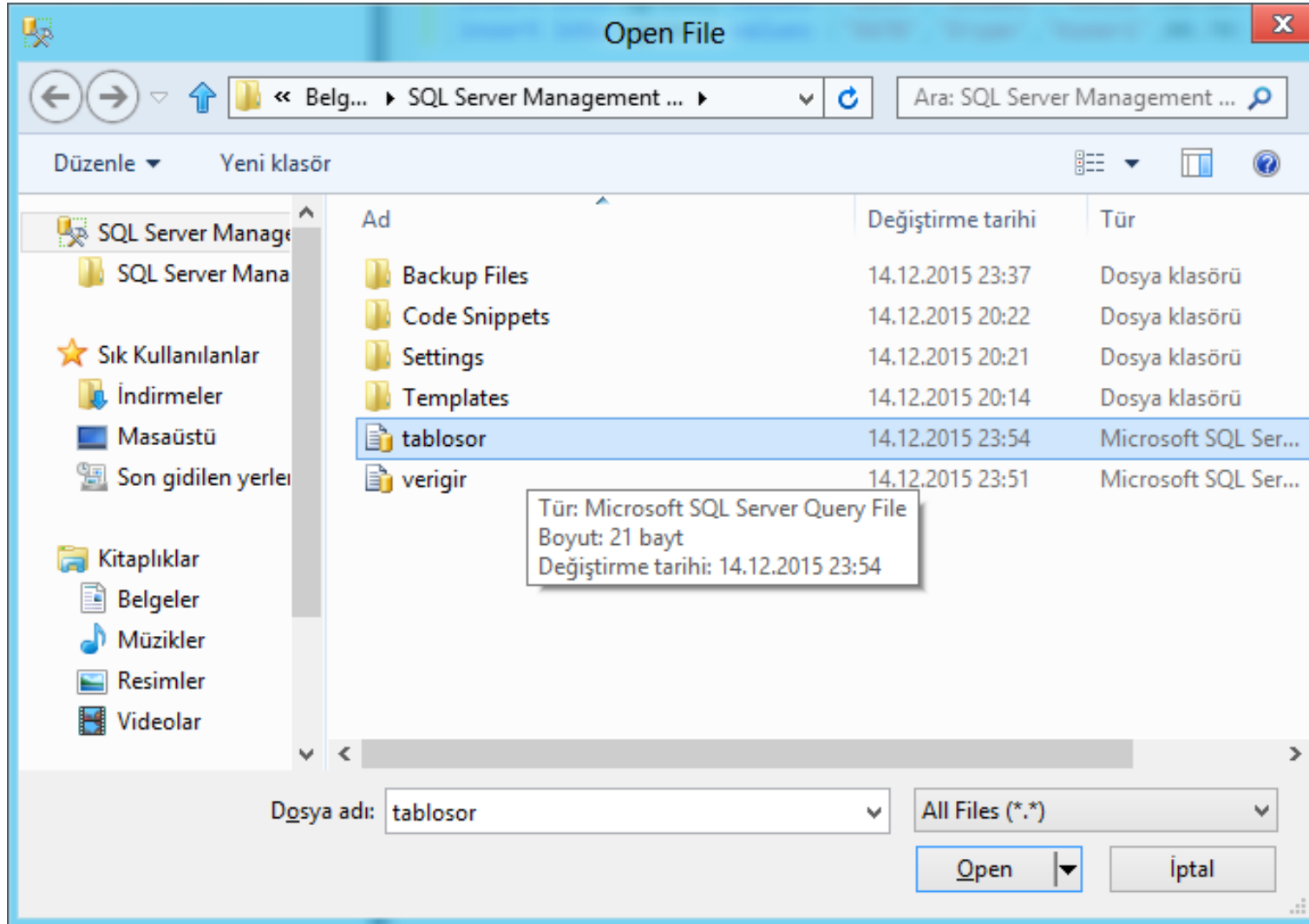
Kalan verileride girelim.

# SQL SERVER MANAGEMENT STUDIO



Kalan verileride girelim.

# SQL SERVER MANAGEMENT STUDIO



# SQL SERVER MANAGEMENT STUDIO

verigir.sql - (loca...LHOST\LEGOLAS (54))\*    tablosor.sql - (lo...LHOST\LEGOLAS (52)) x

```
select * from ogrenci|
```

100 % <

Results    Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	final
1	1024	Ali	Kartal	80	70



verigir.sql - (loca...LHOST\LEGOLAS (54))\*    tablosor.sql - (lo...LHOST\LEGOLAS (52)) x

```
select * from ogrenci|
```

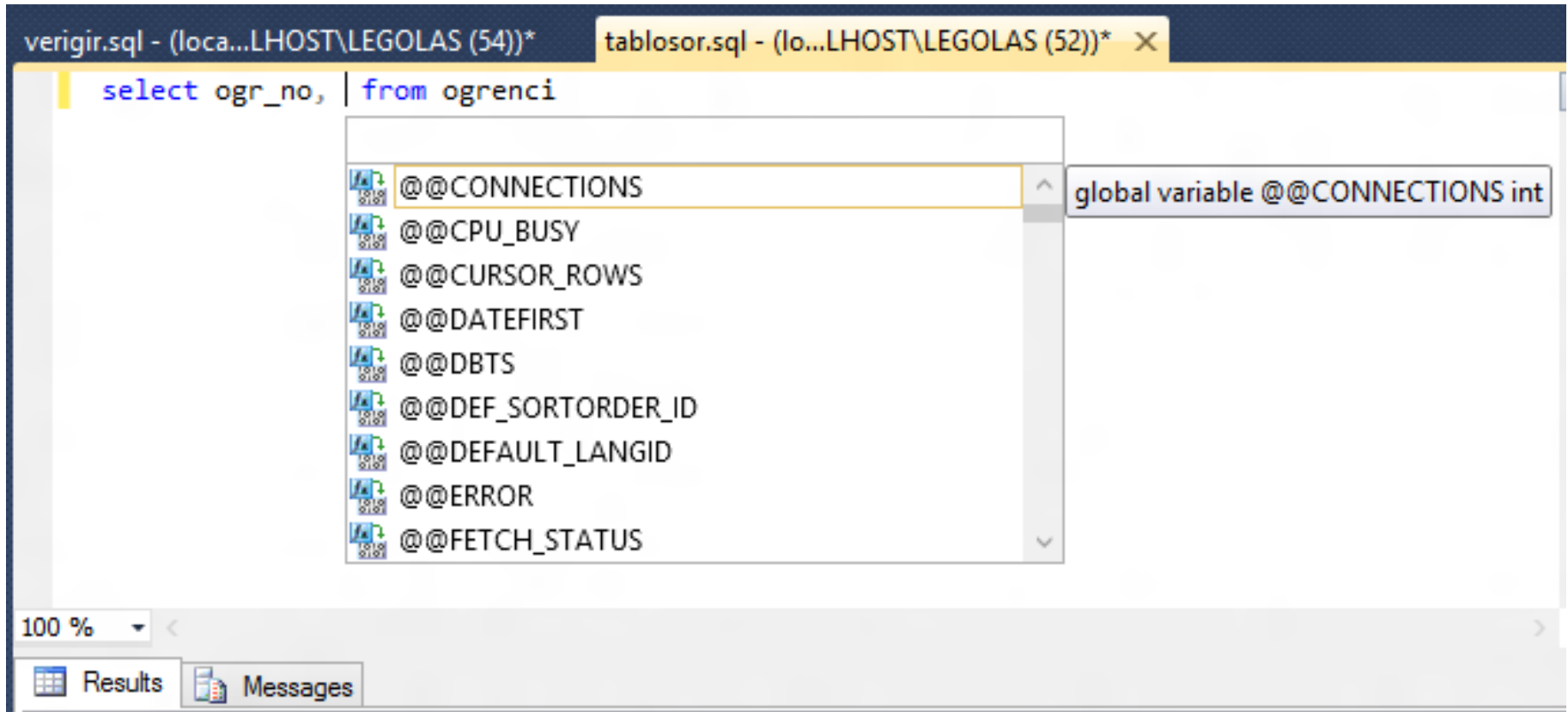
100 % <

Results    Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	final
1	1024	Ali	Kartal	80	70
2	2125	Buket	Saygi	50	40
3	4120	Ayşe	Şahin	60	80
4	1235	Mahmut	Kızılırmak	30	40
5	2346	Sedef	Solmaz	40	20
6	3456	Banu	Güzel	70	50
7	4567	Meryem	Çiçek	90	70
8	9876	Murat	Kalmaz	60	20
9	1234	Selami	Kelle	50	60
10	5678	Erşan	Kuneri	80	70



# SQL SERVER MANAGEMENT STUDIO



**CLAUSE YAZARKEN GELİŞMİŞ YARDIM TAMLAMADAN FAYDALANABİLİRSİNİZ.**

# SQL SERVER MANAGEMENT STUDIO

TABLO İLE ARİTMETİK İŞLEMLER

TOPLAMA – ÇIKARMA- ÇARPMA-BÖLME

# SQL SERVER MANAGEMENT STUDIO

## TABLO İLE ARİTMETİK İŞLEMLER-Toplama

verigir.sql - (loca...LHOST\LEGOLAS (54))\*    tablosor.sql - (lo...LHOST\LEGOLAS (52))\* ×

```
select ogr_no, ogr_adi, ogr_soyadi, vize, vize+10, final, final+10 from ogrenci
```

100 %

Results    Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	(No column name)	final	(No column name)
1	1024	Ali	Kartal	80	90	70	80
2	2125	Buket	Saygı	50	60	40	50
3	4120	Ayşe	Şahin	60	70	80	90
4	1235	Mahmut	Kızılırmak	30	40	40	50
5	2346	Sedef	Solmaz	40	50	20	30
6	3456	Banu	Güzel	70	80	50	60
7	4567	Meryem	Çiçek	90	100	70	80
8	9876	Murat	Kalmaz	60	70	20	30
9	1234	Selami	Kelle	50	60	60	70
10	5678	Erşan	Kunerı	80	90	70	80

# SQL SERVER MANAGEMENT STUDIO

## TABLO İLE ARİTMETİK İŞLEMLER-Çıkarma

verigir.sql - (loca...LHOST\LEGOLAS (54))\*

tablosor.sql - (lo...LHOST\LEGOLAS (52))\*

```
select ogr_no, ogr_adi, ogr_soyadi, vize, vize-5, final, final-5 from ogrenci
```

100 %

Results Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	(No column name)	final	(No column name)
1	1024	Ali	Kartal	80	75	70	65
2	2125	Buket	Saygı	50	45	40	35
3	4120	Ayşe	Şahin	60	55	80	75
4	1235	Mahmut	Kızılmak	30	25	40	35
5	2346	Sedef	Solmaz	40	35	20	15
6	3456	Banu	Güzel	70	65	50	45
7	4567	Meryem	Çiçek	90	85	70	65
8	9876	Murat	Kalmaz	60	55	20	15
9	1234	Selami	Kelle	50	45	60	55
10	5678	Erşan	Kuneri	80	75	70	65

# SQL SERVER MANAGEMENT STUDIO

## TABLO İLE ARİTMETİK İŞLEMLER-Çarpma

verigr.sql - (loca...LHOST\LEGOLAS (54))\*

tablosor.sql - (lo...LHOST\LEGOLAS (52))\*

```
select ogr_no, ogr_adi, ogr_soyadi, vize, vize*2, final, final*2 from ogrenci
```

100 %

Results Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	(No column name)	final	(No column name)
1	1024	Ali	Kartal	80	160	70	140
2	2125	Buket	Saygı	50	100	40	80
3	4120	Ayşe	Şahin	60	120	80	160
4	1235	Mahmut	Kızılmak	30	60	40	80
5	2346	Sedef	Solmaz	40	80	20	40
6	3456	Baru	Güzel	70	140	50	100
7	4567	Meryem	Çiçek	90	180	70	140
8	9876	Murat	Kalmaz	60	120	20	40
9	1234	Selami	Kelle	50	100	60	120
10	5678	Erşan	Kuneri	80	160	70	140

# SQL SERVER MANAGEMENT STUDIO

## TABLO İLE ARİTMETİK İŞLEMLER-Bölme

verigir.sql - (loca...LHOST\LEGOLAS (54))\*

tablosor.sql - (lo...LHOST\LEGOLAS (52))\*

```
select ogr_no, ogr_adi, ogr_soyadi, vize, vize/4, final, final*2 from ogrenci
```

100 %

Results

Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	(No column name)	final	(No column name)
1	1024	Ali	Kartal	80	20	70	140
2	2125	Buket	Saygı	50	12	40	80
3	4120	Ayşe	Şahin	60	15	80	160
4	1235	Mahmut	Kızılımak	30	7	40	80
5	2346	Sedef	Solmaz	40	10	20	40
6	3456	Banu	Güzel	70	17	50	100
7	4567	Meryem	Çiçek	90	22	70	140
8	9876	Murat	Kalmaz	60	15	20	40
9	1234	Selami	Kelle	50	12	60	120
10	5678	Erşan	Kuneri	80	20	70	140

# SQL SERVER MANAGEMENT STUDIO

## TABLO İLE SEÇME İŞLEMLERİ

Kayıtlardan tek bir kaydı seçmek

# SQL SERVER MANAGEMENT STUDIO

verigir.sql - (loca...LHOST\LEGOLAS (54))\*

tablosor.sql - (lo...LHOST\LEGOLAS (52))\*

```
select * from ogrenci where ogr_no='4567'
```

100 % <

Results

Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	final
1	4567	Meryem	Çiçek	90	70



# SQL SERVER MANAGEMENT STUDIO

verigir.sql - (loca...LHOST\LEGOLAS (54))\*

tablosor.sql - (lo...LHOST\LEGOLAS (52))\* X

```
select * from ogrenci where vize=80
```

100 % <

Results

Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	final
1	1024	Ali	Kartal	80	70
2	5678	Erşan	Kuneri	80	70

# SQL SERVER MANAGEMENT STUDIO

verigir.sql - (loca...LHOST\LEGOLAS (54))\*

tablosor.sql - (lo...LHOST\LEGOLAS (52))\* X

```
select * from ogrenci where final<30
```

100 %



Results



Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	final
1	2346	Sedef	Solmaz	40	20
2	9876	Murat	Kalmaz	60	20

# SQL SERVER MANAGEMENT STUDIO

verigir.sql - (loca...LHOST\LEGOLAS (54))\*

tablosor.sql - (lo...LHOST\LEGOLAS (52))\* X

```
select * from ogrenci where vize>=60
```

100 % <



Results



Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	final
1	1024	Ali	Kartal	80	70
2	4120	Ayşe	Şahin	60	80
3	3456	Banu	Güzel	70	50
4	4567	Meryem	Çiçek	90	70
5	9876	Murat	Kalmaz	60	20
6	5678	Erşan	Kuneri	80	70

# SQL SERVER MANAGEMENT STUDIO

verigir.sql - (loca...LHOST\LEGOLAS (54))\*

tablosor.sql - (lo...LHOST\LEGOLAS (52))\* X

```
select * from ogrenci where vize>=60 and final=70
```

100 %



Results



Messages

	ogr_no	ogr_adi	ogr_soyadi	vize	final
1	1024	Ali	Kartal	80	70
2	4567	Meryem	Çiçek	90	70
3	5678	Erşan	Kuner	80	70

# SQL SERVER MANAGEMENT STUDIO

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## TABLO İLE SEÇME İŞLEMLERİ

Sorgularda Lakap Kullanmak

# SQL SERVER MANAGEMENT STUDIO

verigir.sql - (loca...LHOST\LEGOLAS (54))\* tablosor.sql - (lo...LHOST\LEGOLAS (52))\* LOCALHOST\SQLEXP...yo - dbo.ogrenci

```
select ogr_no as 'Öğrenci No', ogr_adi as 'Öğrenci Adı', ogr_soyadi as 'öğrenci Soyadı' from ogrenci
```

100 % <

Results Messages

	Öğrenci No	Öğrenci Adı	öğrenci Soyadı
1	1024	Ali	Kartal
2	2125	Buket	Saygı
3	4120	Ayşe	Şahin
4	1235	Mahmut	Kızılırmak
5	2346	Sedef	Solmaz
6	3456	Banu	Güzel
7	4567	Meryem	Çiçek
8	9876	Murat	Kalmaz
9	1234	Selami	Kelle
10	5678	Erşan	Kuneri