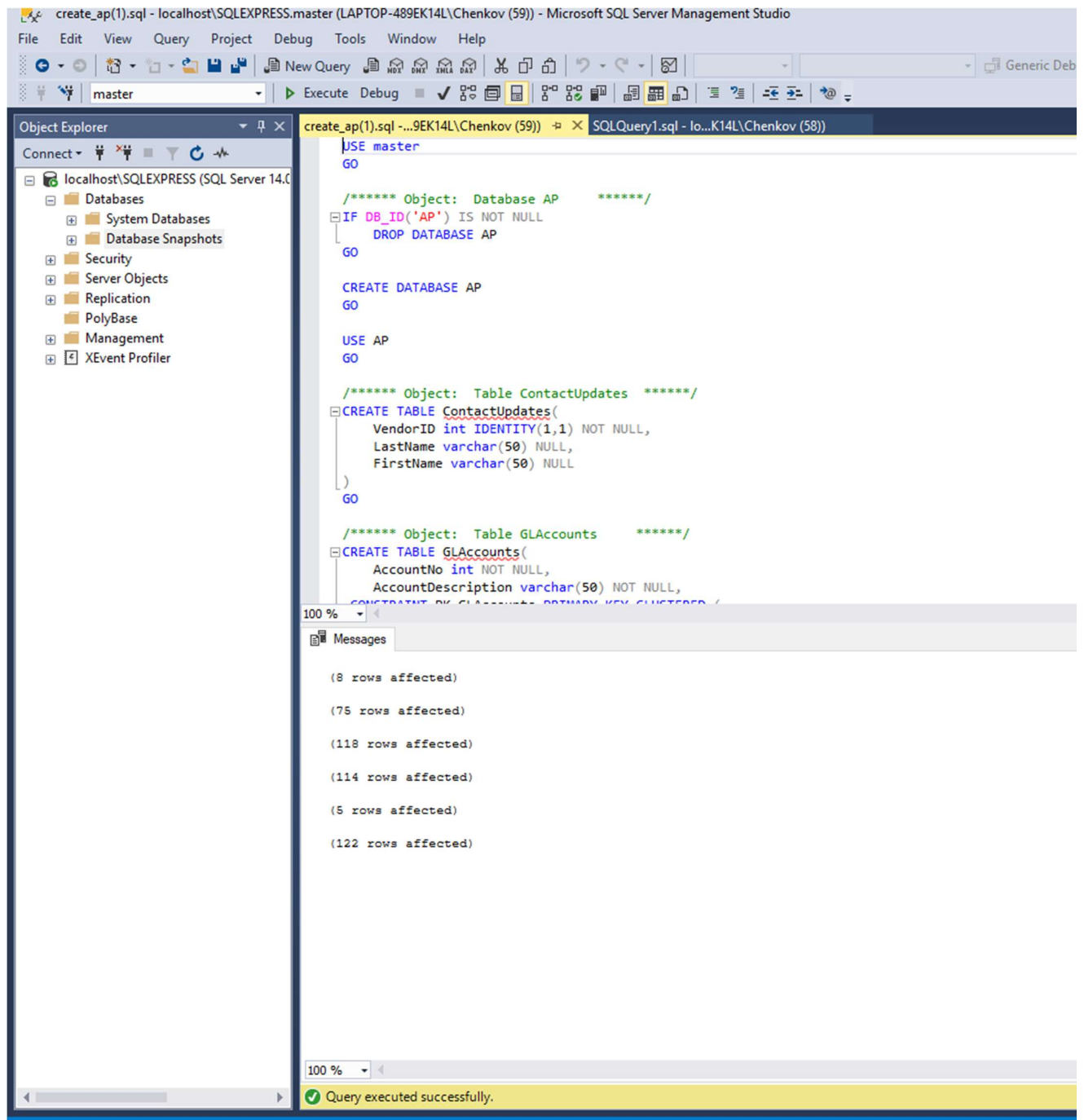


Lab1

Create AP:



Create example:

The screenshot displays the SQL Server Enterprise Manager interface. On the left, the Object Explorer shows the server structure for 'localhost\SQLEXPRESS (SQL Server 14.0)'. The main window shows a query execution window with the following T-SQL code:

```
USE master
GO

IF DB_ID('Examples') IS NOT NULL
    DROP DATABASE Examples
GO

/***** Object: Database Examples *****/
CREATE DATABASE Examples
GO

USE Examples
GO

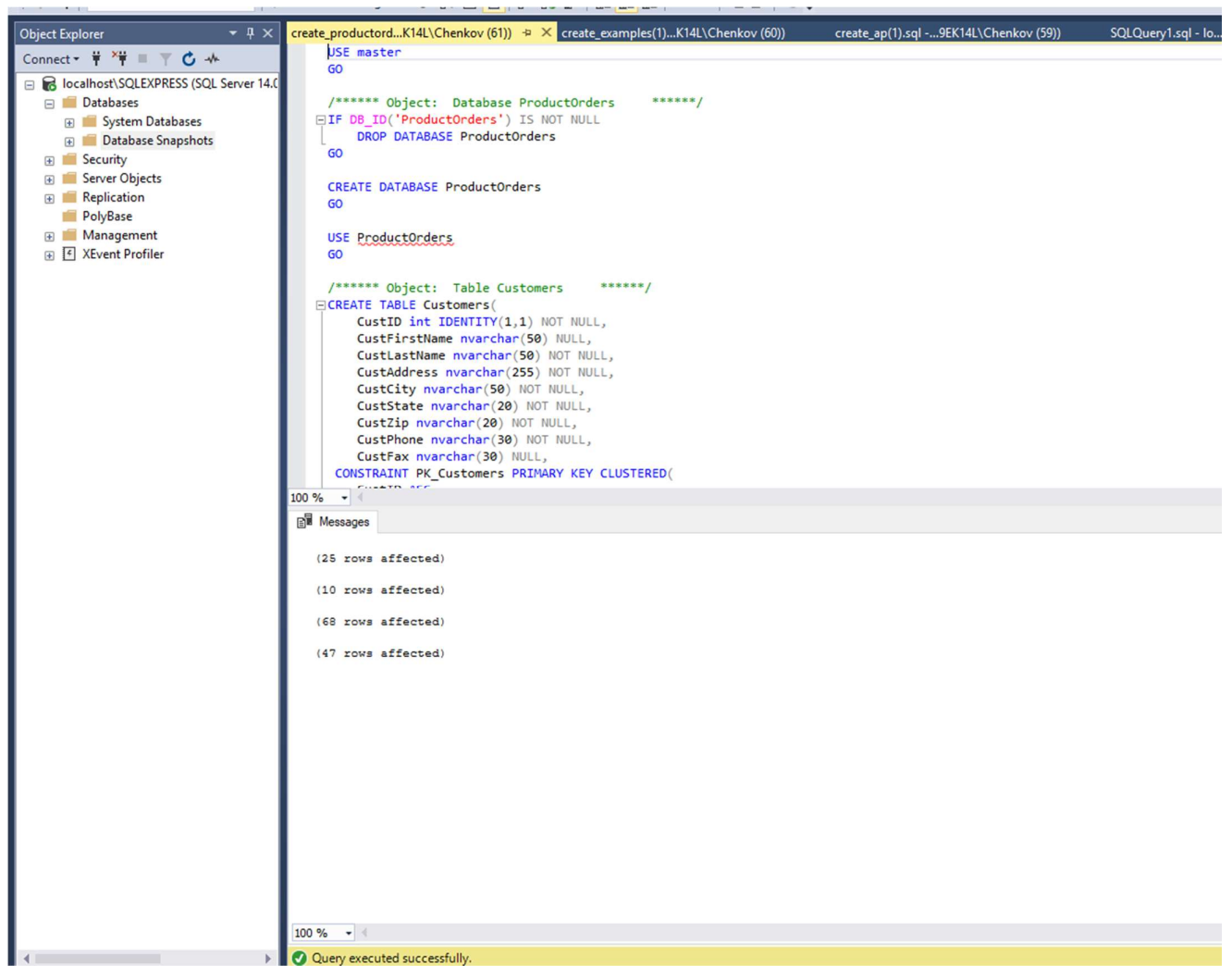
/***** Object: Table ActiveInvoices *****/
CREATE TABLE ActiveInvoices(
    InvoiceID int IDENTITY(1,1) NOT NULL,
    VendorID int NOT NULL,
    InvoiceNumber varchar(50) NOT NULL,
    InvoiceDate smalldatetime NOT NULL,
    InvoiceTotal money NOT NULL,
    PaymentTotal money NOT NULL,
    CreditTotal money NOT NULL,
    TermsID int NOT NULL,
    InvoiceDueDate smalldatetime NOT NULL,
    PaymentDate smalldatetime NULL
)
```

Below the code, the Messages pane shows the following output:

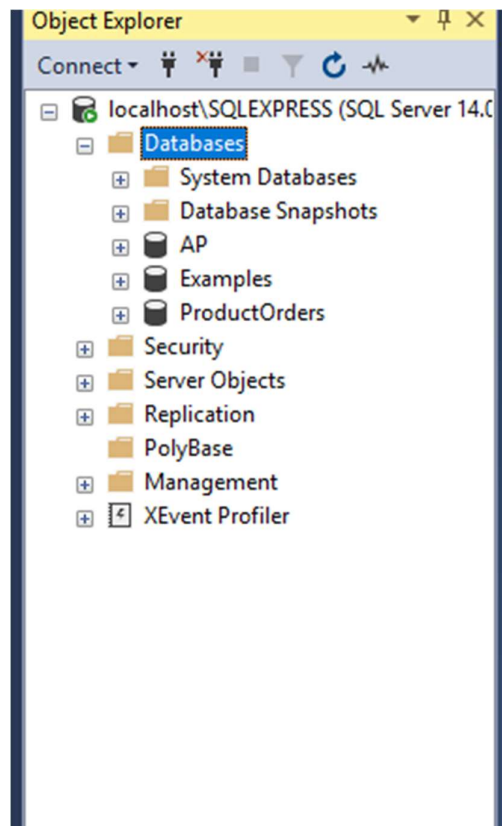
```
(11 rows affected)
(3 rows affected)
(24 rows affected)
(6 rows affected)
(5 rows affected)
(9 rows affected)
(9 rows affected)
(9 rows affected)
(5 rows affected)
(5 rows affected)
(5 rows affected)
(103 rows affected)
```

At the bottom, a status bar indicates: Query executed successfully.

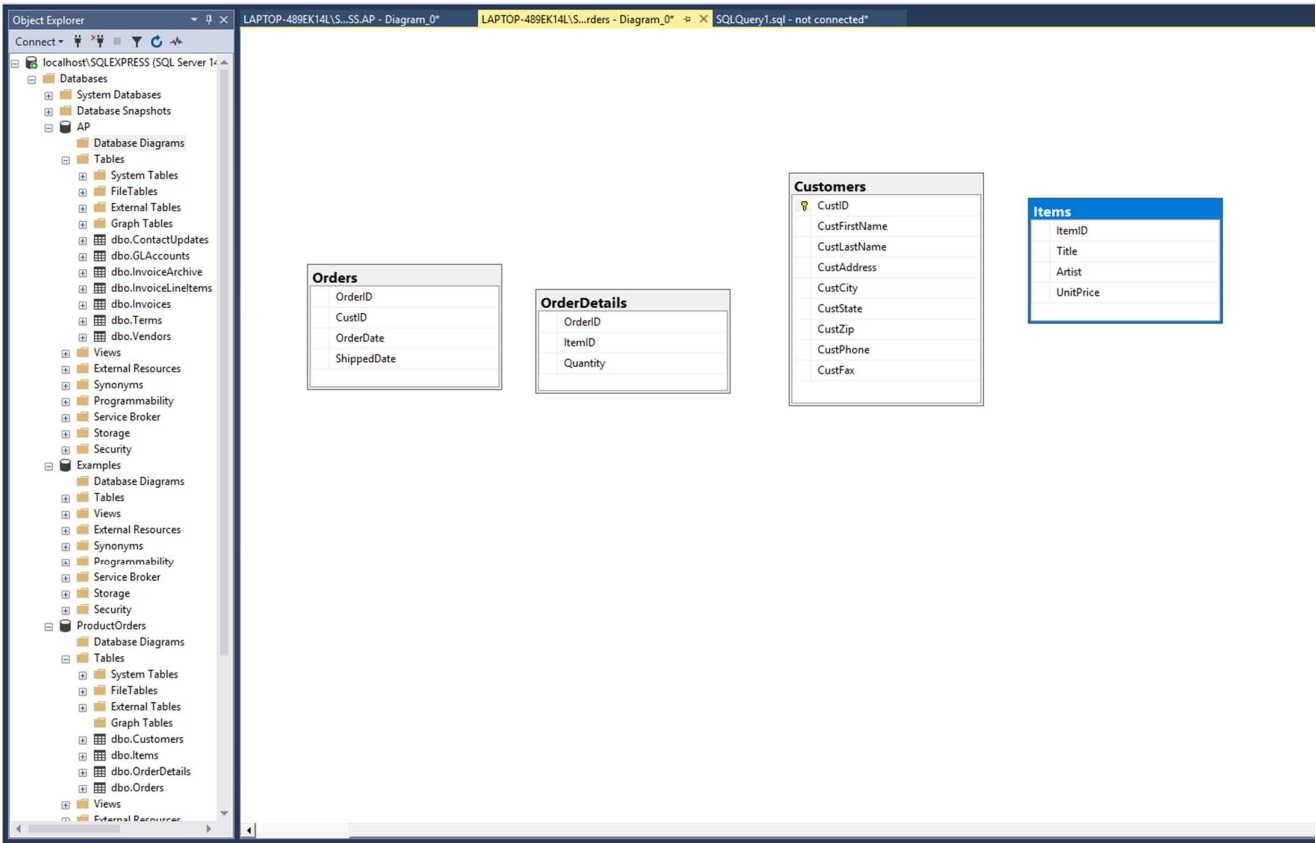
Create ProductOrders:



All created successfully:



View the tables that are available from the ProductOrders database:



View columns columns that are available in Orders table:

	Column Name	Data Type	Allow Nulls
	OrderID	int	<input type="checkbox"/>
	CustID	int	<input type="checkbox"/>
	OrderDate	datetime	<input type="checkbox"/>
	ShippedDate	datetime	<input checked="" type="checkbox"/>
▶			<input type="checkbox"/>

“Invoices” table in a Table Designer tab:

LAPTOP-489EK14L\S....AP - dbo.Invoices			
LAPTOP-489EK14L\S....rders - dbo.Orders			
LAPTOP-489EK14L\S...SS.AP - D			
	Column Name	Data Type	Allow Nulls
▶	InvoiceID	int	<input type="checkbox"/>
	VendorID	int	<input type="checkbox"/>
	InvoiceNumber	varchar(50)	<input type="checkbox"/>
	InvoiceDate	smalldatetime	<input type="checkbox"/>
	InvoiceTotal	money	<input type="checkbox"/>
	PaymentTotal	money	<input type="checkbox"/>
	CreditTotal	money	<input type="checkbox"/>
	TermsID	int	<input type="checkbox"/>
	InvoiceDueDate	smalldatetime	<input type="checkbox"/>
	PaymentDate	smalldatetime	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

The data type of InvoiceDueDate is smalldatetime, and the identity column of this table is InvoiceID.

Results after execute the command by F5:

SQLQuery1.sql - Io...K14L\Chenkov (54))*

```
SELECT *  
FROM AP.dbo.ContactUpdates;
```

100 %

Results Messages

	VendorID	LastName	FirstName
1	5	Davison	Michelle
2	12	Mayteh	Kendall
3	17	Onandonga	Bruce
4	44	Antavius	Anthony
5	76	Bradlee	Danny
6	94	Suscipe	Reynaldo
7	101	O'Sullivan	Geraldine
8	123	Bucket	Charles

Query executed successfully. localhost\SQLEXPRESS (14.0 ...

Result after pressing the button to execute the command:

SQLQuery2.sql - Io...K14L\Chenkov (53))* X create_productord...K14L\Chen

```
SELECT *  
FROM AP.dbo.ContactUpdates;  
|
```

100 %

Results Messages

	VendorID	LastName	FirstName
1	5	Davison	Michelle
2	12	Mayteh	Kendall
3	17	Onandonga	Bruce
4	44	Antavius	Anthony
5	76	Bradlee	Danny
6	94	Suscipe	Reynaldo
7	101	O'Sullivan	Geraldine
8	123	Bucket	Charles