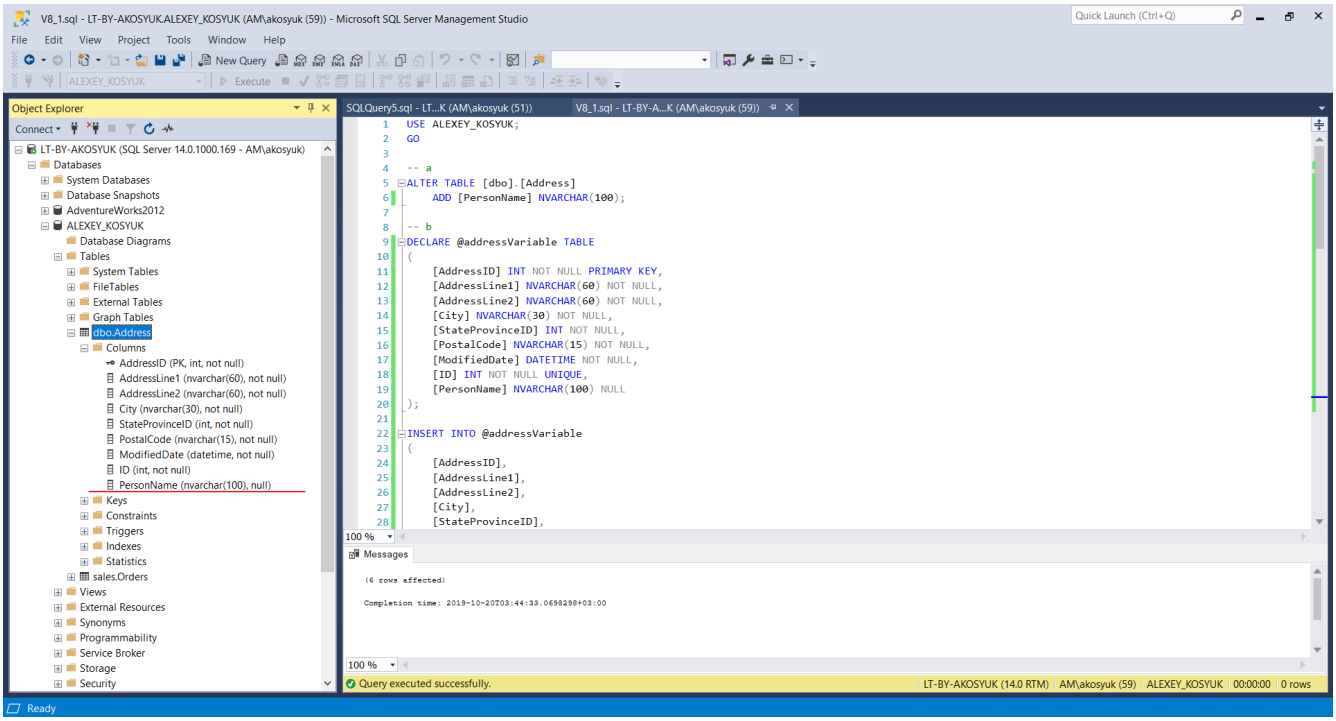
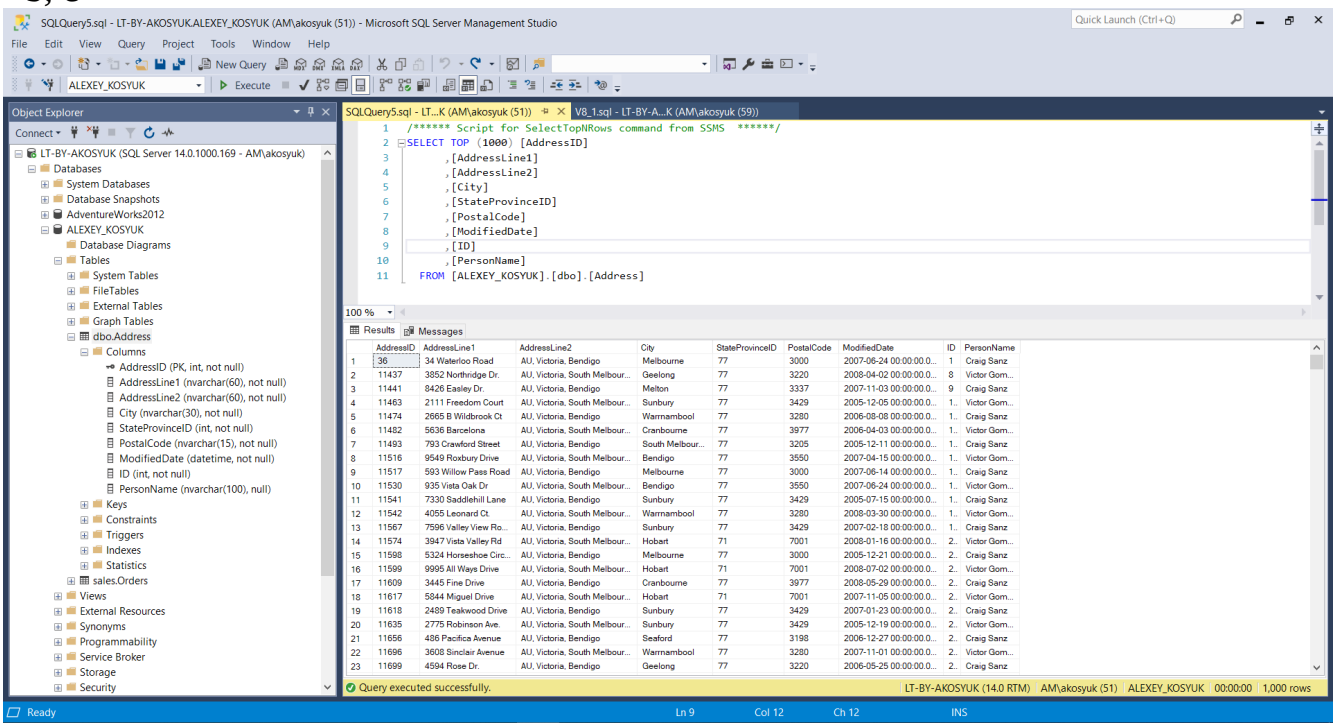
REPORT FOR TASK 3, VARIANT # 8

1. First subtask:

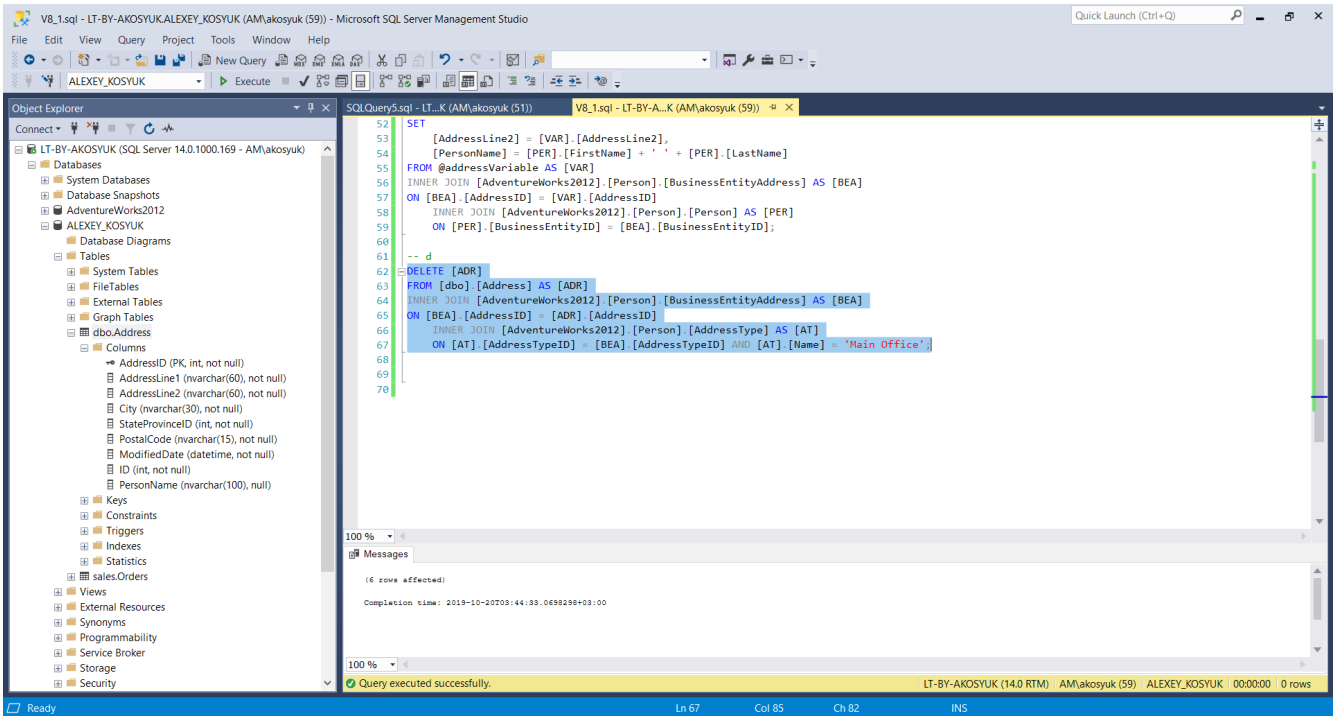
- a



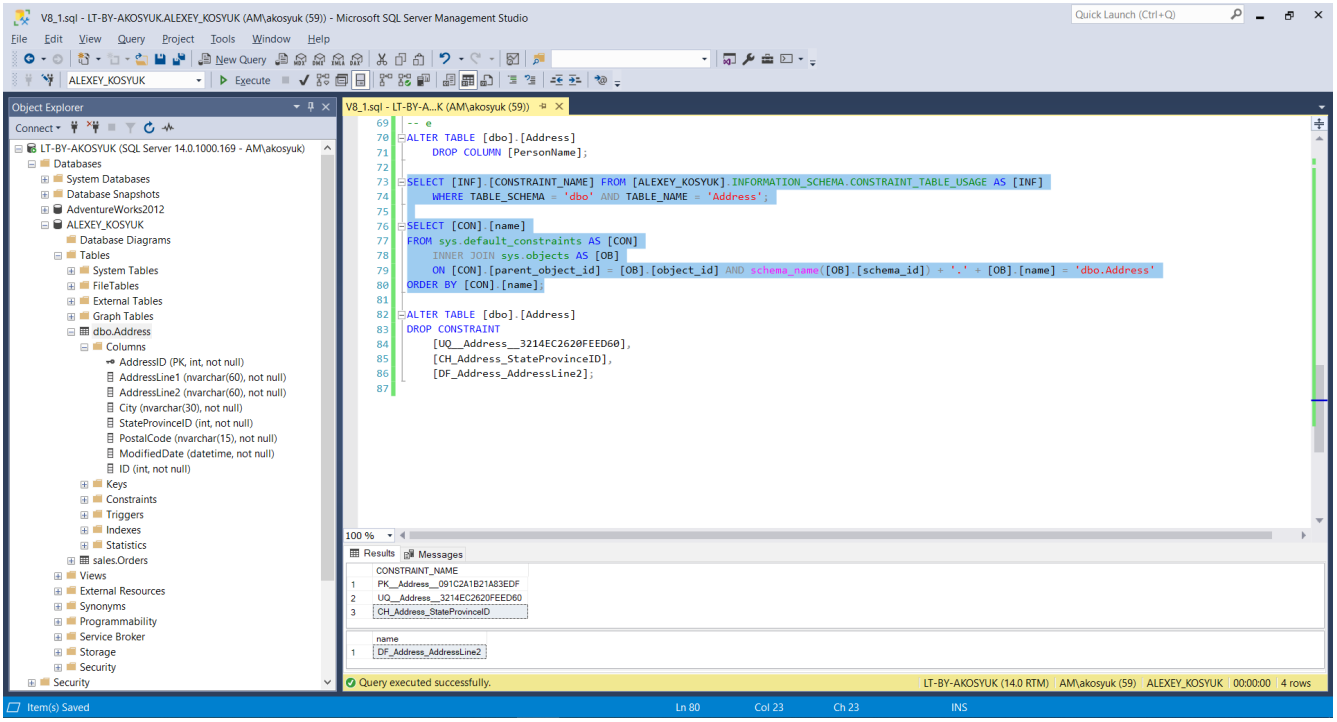
- b, c



- d


V8_1.sql - LT-BY-AKOSYUK.ALEXEY_KOSYUK (AM\akosyuk (59)) - Microsoft SQL Server Management Studio
Quick Launch (Ctrl+Q)
File Edit View Query Project Tools Window Help
New Query
Execute
ALEXEY_KOSYUK
Object Explorer
Connect
LT-BY-AKOSYUK (SQL Server 14.0.1000.169 - AM\akosyuk)
Databases
System Databases
Database Snapshots
AdventureWorks2012
ALEXEY_KOSYUK
Database Diagrams
Tables
System Tables
FileTables
External Tables
Graph Tables
dbo.Address
Columns
AddressID (PK, int, not null)
AddressLine1 (nvarchar(60), not null)
AddressLine2 (nvarchar(60), not null)
City (nvarchar(30), not null)
StateProvinceID (int, not null)
PostalCode (nvarchar(15), not null)
ModifiedDate (datetime, not null)
ID (int, not null)
PersonName (nvarchar(100), null)
Keys
Constraints
Triggers
Indexes
Statistics
sales.Orders
Views
External Resources
Synonyms
Programmability
Service Broker
Storage
Security
SQLQuery5.sql - LT...K (AM\akosyuk (51))
V8_1.sql - LT-BY-A...K (AM\akosyuk (59))
SET
[AddressLine2] = [VAR].[AddressLine2],
[PersonName] = [PER].[FirstName] + ' ' + [PER].[LastName]
FROM @addressVariable AS [VAR]
INNER JOIN [AdventureWorks2012].[Person].[BusinessEntityAddress] AS [BEA]
ON [BEA].[AddressID] = [VAR].[AddressID]
INNER JOIN [AdventureWorks2012].[Person].[Person] AS [PER]
ON [PER].[BusinessEntityID] = [BEA].[BusinessEntityID];
-- d
DELETE [ADR]
FROM [dbo].[Address] AS [ADR]
INNER JOIN [AdventureWorks2012].[Person].[BusinessEntityAddress] AS [BEA]
ON [BEA].[AddressID] = [ADR].[AddressID]
INNER JOIN [AdventureWorks2012].[Person].[AddressType] AS [AT]
ON [AT].[AddressTypeID] = [BEA].[AddressTypeID] AND [AT].[Name] = 'Main Office';
100 %
Messages
(6 rows affected)
Completion time: 2019-10-20T03:44:33.0698298+03:00
100 %
Query executed successfully.
LT-BY-AKOSYUK (14.0 RTM)
AM\akosyuk (59)
ALEXEY_KOSYUK
00:00:00
0 rows
Ready
Ln 67
Col 85
Ch 82
INS

- e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Execute
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Object Explorer
Connect
LT-BY-AKOSYUK (SQL Server 14.0.1000.169 - AM\akosyuk)
Databases
System Databases
Database Snapshots
AdventureWorks2012
ALEXEY_KOSYUK
Database Diagrams
Tables
System Tables
FileTables
External Tables
Graph Tables
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AddressLine1 (nvarchar(60), not null)
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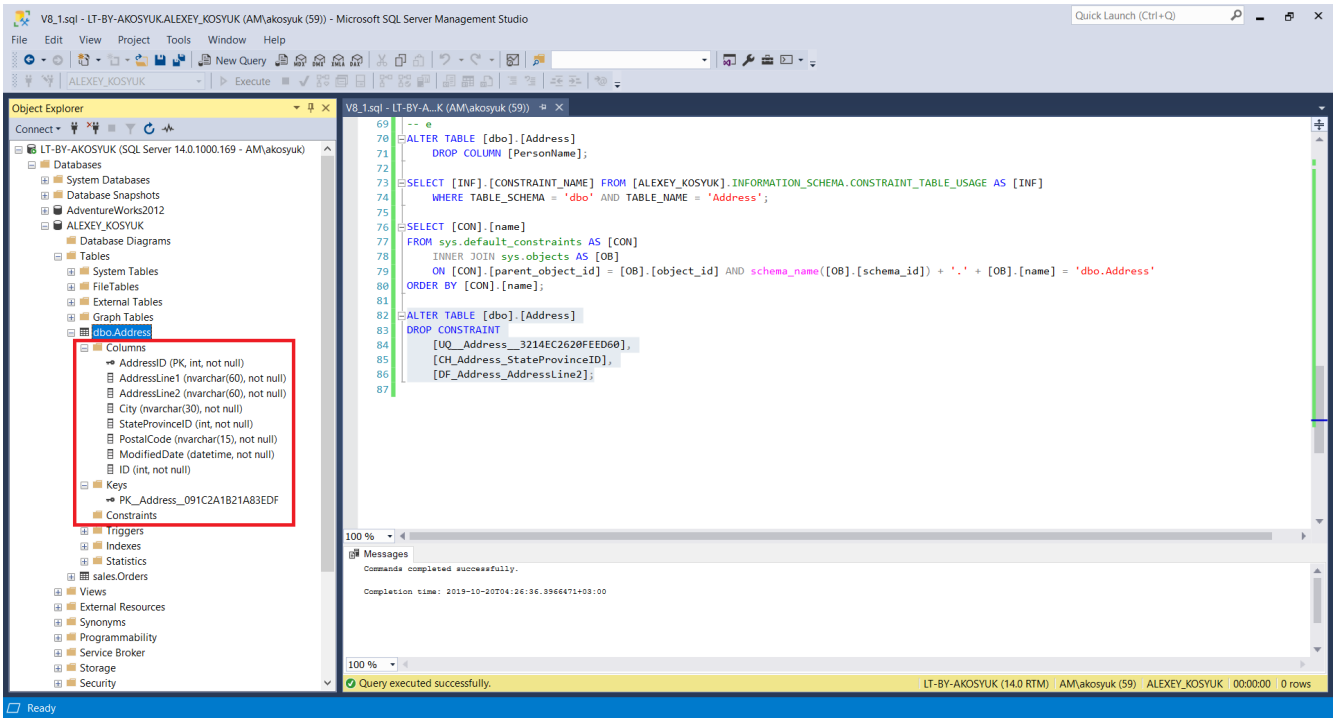
City (nvarchar(30), not null)
StateProvinceID (int, not null)
PostalCode (nvarchar(15), not null)
ModifiedDate (datetime, not null)
ID (int, not null)
Keys
Constraints
Triggers
Indexes
Statistics
sales.Orders
Views
External Resources
Synonyms
Programmability
Service Broker
Storage
Security
Security
V8_1.sql - LT-BY-A...K (AM\akosyuk (59))
-- e
ALTER TABLE [dbo].[Address]
DROP COLUMN [PersonName];
SELECT [INF].[CONSTRAINT_NAME] FROM [ALEXEY_KOSYUK].INFORMATION_SCHEMA.CONSTRAINT_TABLE_USAGE AS [INF]
WHERE TABLE_SCHEMA = 'dbo' AND TABLE_NAME = 'Address';
SELECT [CON].[name]
FROM sys.default_constraints AS [CON]
INNER JOIN sys.objects AS [OB]
ON [CON].[parent_object_id] = [OB].[object_id] AND schema_name([OB].[schema_id]) + '.' + [OB].[name] = 'dbo.Address'
ORDER BY [CON].[name];
ALTER TABLE [dbo].[Address]
DROP CONSTRAINT
[UQ__Address__3214EC2620FEED60],
[CH_Address_StateProvinceID],
[DF_Address_AddressLine2];
100 %
Results
Messages
CONSTRAINT_NAME
1 PK__Address__091C2A1B21A83EDF
2 UQ__Address__3214EC2620FEED60
3 CH_Address_StateProvinceID
name
1 DF_Address_AddressLine2
Query executed successfully.
LT-BY-AKOSYUK (14.0 RTM)
AM\akosyuk (59)
ALEXEY_KOSYUK
00:00:00
4 rows
Item(s) Saved
Ln 80
Col 23
Ch 23
INS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Object Explorer
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LT-BY-AKOSYUK (SQL Server 14.0.1000.169 - AM\akosyuk)
Databases
System Databases
Database Snapshots
AdventureWorks2012
ALEXEY_KOSYUK
Database Diagrams
Tables
System Tables
FileTables
External Tables
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Columns
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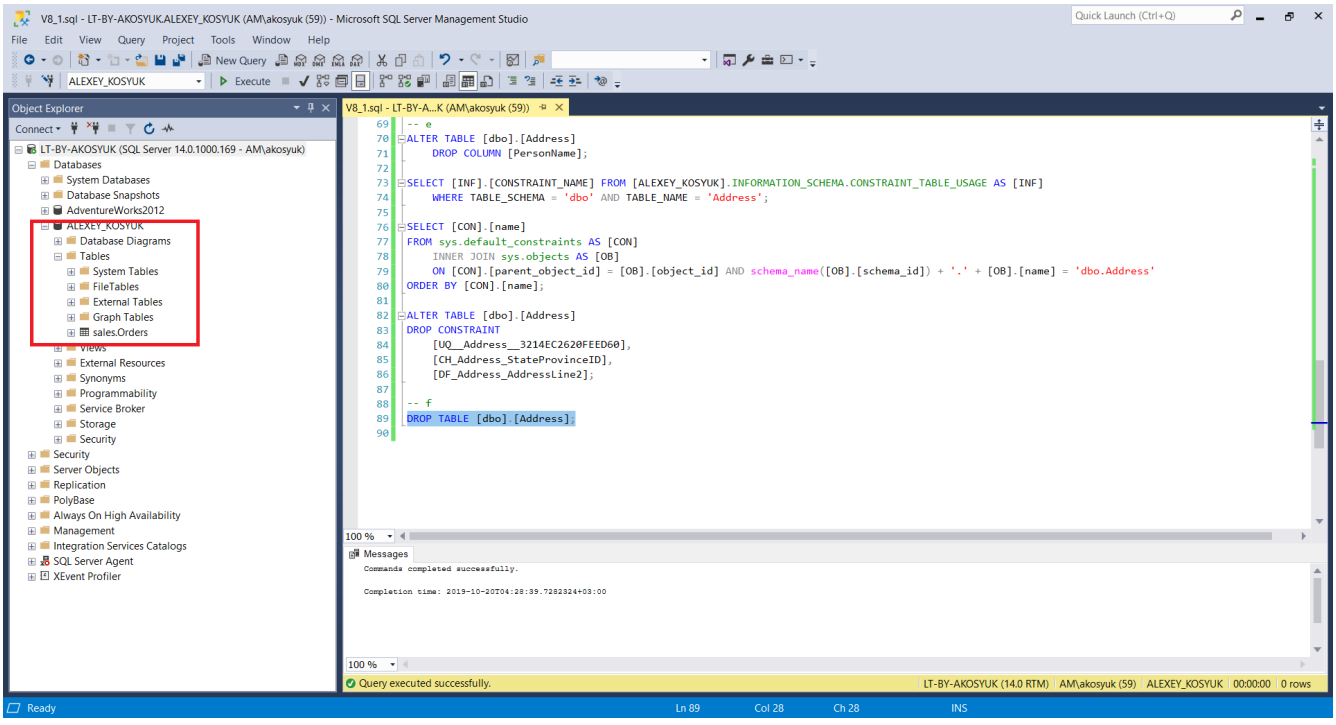
AddressLine1 (nvarchar(60), not null)
AddressLine2 (nvarchar(60), not null)
City (nvarchar(30), not null)
StateProvinceID (int, not null)
PostalCode (nvarchar(15), not null)
ModifiedDate (datetime, not null)
ID (int, not null)
Keys
PK_Address_091C2A1B21A83EDF
Constraints
Triggers
Indexes
Statistics
sales.Orders
Views
External Resources
Synonyms
Programmability
Service Broker
Storage
Security
-- e
ALTER TABLE [dbo].[Address]
DROP COLUMN [PersonName];
SELECT [INF].[CONSTRAINT_NAME] FROM [ALEXEY_KOSYUK].INFORMATION_SCHEMA.CONSTRAINT_TABLE_USAGE AS [INF]
WHERE TABLE_SCHEMA = 'dbo' AND TABLE_NAME = 'Address';
SELECT [CON].[name]
FROM sys.default_constraints AS [CON]
INNER JOIN sys.objects AS [OB]
ON [CON].[parent_object_id] = [OB].[object_id] AND schema_name([OB].[schema_id]) + '.' + [OB].[name] = 'dbo.Address'
ORDER BY [CON].[name];
ALTER TABLE [dbo].[Address]
DROP CONSTRAINT
[UQ__Address__3214EC2620FEED60],
[CH_Address_StateProvinceID],
[DF_Address_AddressLine2];
Messages
Commands completed successfully.
Completion time: 2019-10-20T04:26:36.3966471+03:00
Query executed successfully.
LT-BY-AKOSYUK (14.0 RTM)
AM\akosyuk (59)
ALEXEY_KOSYUK
00:00:00
0 rows
Ready

- f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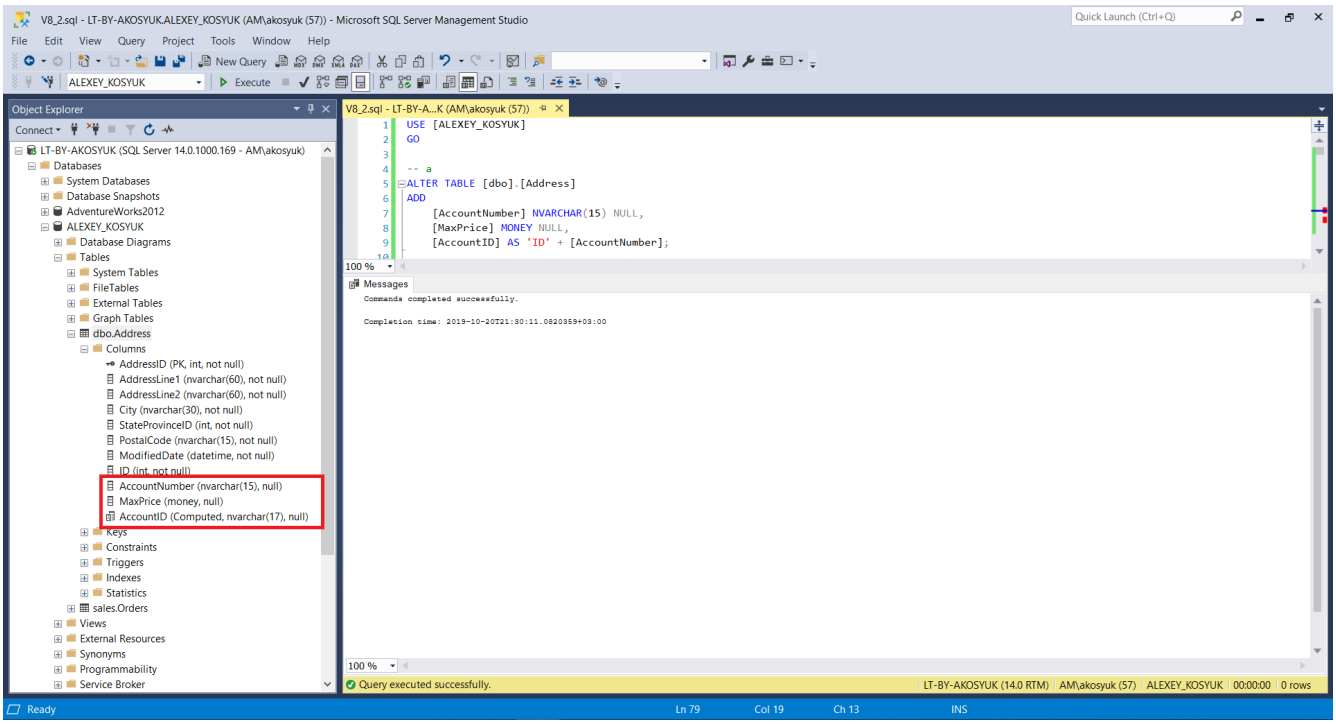
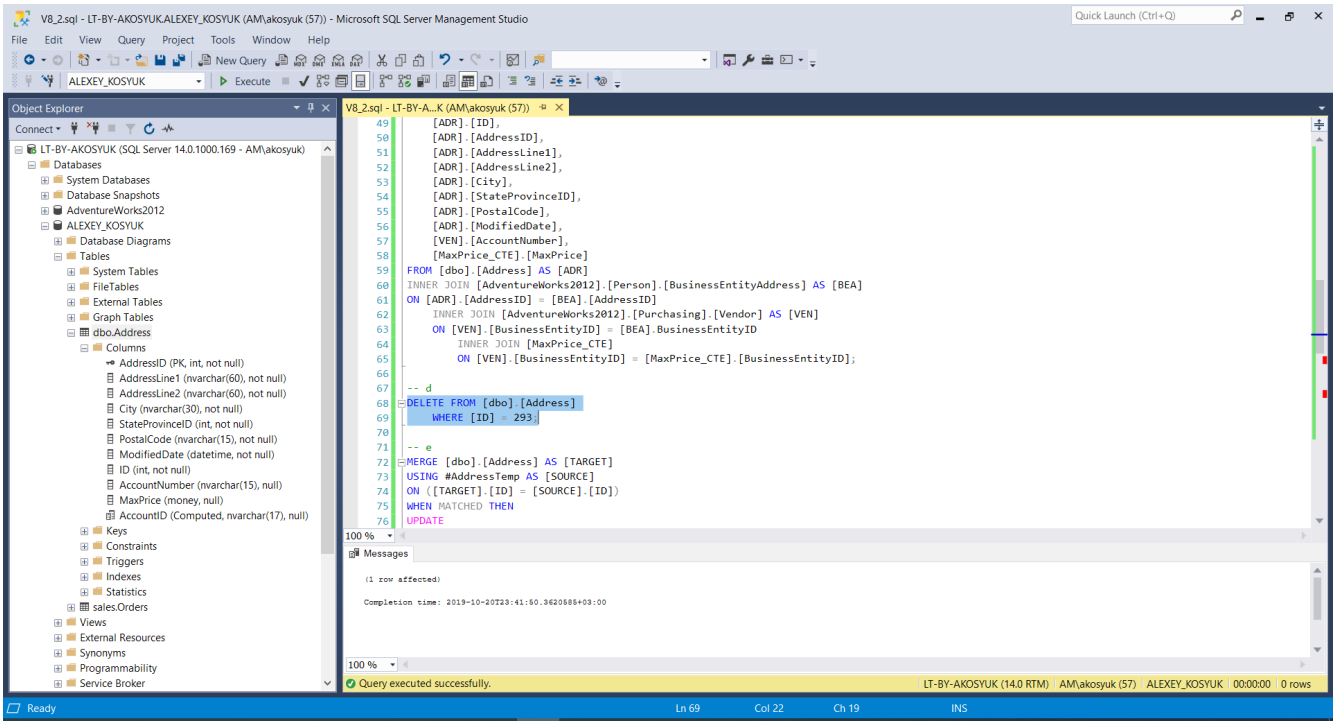
Databases
System Databases
Database Snapshots
AdventureWorks2012
ALEXEY_KOSYUK
Database Diagrams
Tables
System Tables
FileTables
External Tables
Graph Tables
sales.Orders
Views
External Resources
Synonyms
Programmability
Service Broker
Storage
Security
Security
Server Objects
Replication
PolyBase
Always On High Availability
Management
Integration Services Catalogs
SQL Server Agent
XEvent Profiler
-- e
ALTER TABLE [dbo].[Address]
DROP COLUMN [PersonName];
SELECT [INF].[CONSTRAINT_NAME] FROM [ALEXEY_KOSYUK].INFORMATION_SCHEMA.CONSTRAINT_TABLE_USAGE AS [INF]
WHERE TABLE_SCHEMA = 'dbo' AND TABLE_NAME = 'Address';
SELECT [CON].[name]
FROM sys.default_constraints AS [CON]
INNER JOIN sys.objects AS [OB]
ON [CON].[parent_object_id] = [OB].[object_id] AND schema_name([OB].[schema_id]) + '.' + [OB].[name] = 'dbo.Address'
ORDER BY [CON].[name];
ALTER TABLE [dbo].[Address]
DROP CONSTRAINT
[UQ__Address__3214EC2620FEED60],
[CH_Address_StateProvinceID],
[DF_Address_AddressLine2];
-- f
DROP TABLE [dbo].[Address];
Messages
Commands completed successfully.
Completion time: 2019-10-20T04:28:39.7282324+03:00
Query executed successfully.
LT-BY-AKOSYUK (14.0 RTM)
AM\akosyuk (59)
ALEXEY_KOSYUK
00:00:00
0 rows
Ready
Ln 89
Col 28
Ch 28
INS

2. Second subtask:

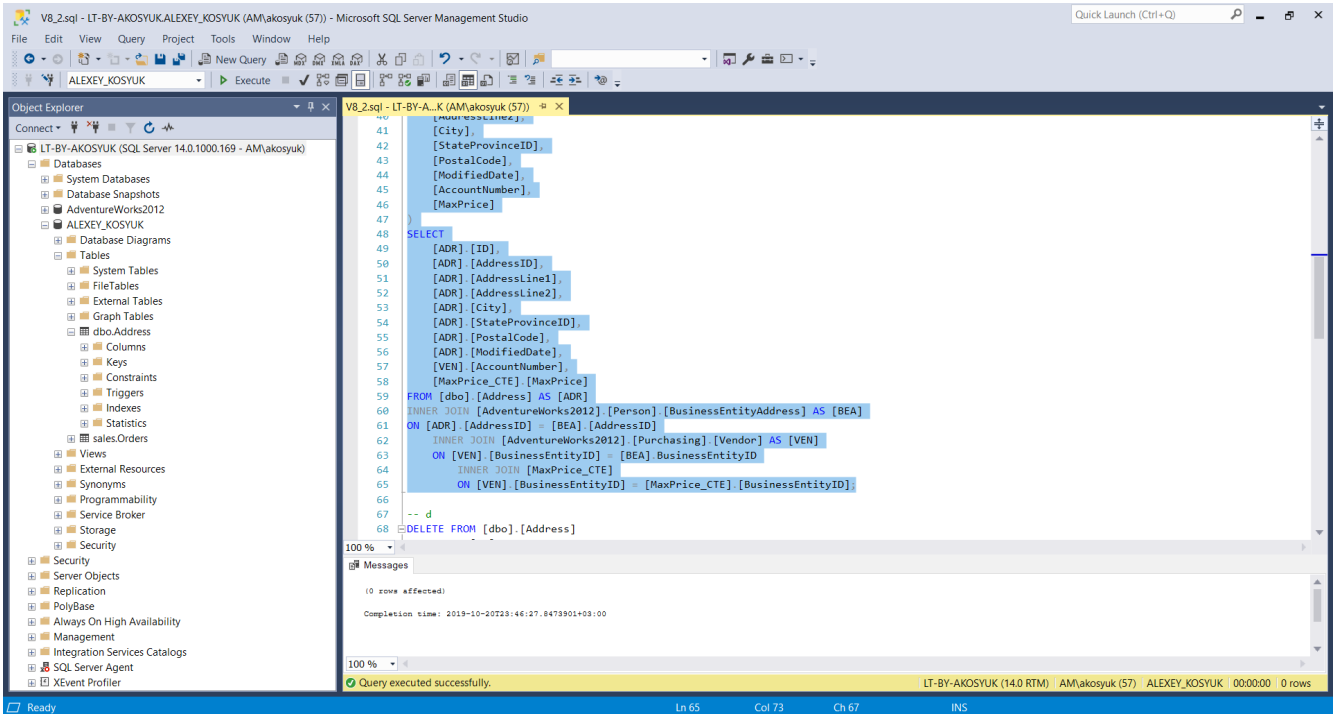
- a



- d



- C


V8_2.sql - LT-BY-AKOSYUK.ALEXEY_KOSYUK (AM\akosyuk (57)) - Microsoft SQL Server Management Studio
Object Explorer
V8_2.sql - LT-BY-A...K (AM\akosyuk (57))
[City],
[StateProvinceID],
[PostalCode],
[ModifiedDate],
[AccountNumber],
[MaxPrice]
)
SELECT
[ADR].[ID],
[ADR].[AddressID],
[ADR].[AddressLine1],
[ADR].[AddressLine2],
[ADR].[City],
[ADR].[StateProvinceID],
[ADR].[PostalCode],
[ADR].[ModifiedDate],
[VEN].[AccountNumber],
[MaxPrice_CTE].[MaxPrice]
FROM [dbo].[Address] AS [ADR]
INNER JOIN [AdventureWorks2012].[Person].[BusinessEntityAddress] AS [BEA]
ON [ADR].[AddressID] = [BEA].[AddressID]
INNER JOIN [AdventureWorks2012].[Purchasing].[Vendor] AS [VEN]
ON [VEN].[BusinessEntityID] = [BEA].BusinessEntityID
INNER JOIN [MaxPrice_CTE]
ON [VEN].[BusinessEntityID] = [MaxPrice_CTE].[BusinessEntityID];
-- d
DELETE FROM [dbo].[Address]
Messages
(0 rows affected)
Completion time: 2019-10-20T23:46:27.8473901+03:00
Query executed successfully.
Ready
Ln 65
Col 73
Ch 67
INS