REPORT FOR TASK 3, VARIANT #8

1. First subtask:

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 V8_1.sql - LT-BY-AKOSYUK.ALEXEY_KOSYUK (AM\akosyuk (59)) - Microsoft SQL Server Management Studio
 File Edit View Project Tools Window Help
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                                                                                  SQLQuery5.sql - LT...K (AM\akosyuk (51))
                                                                                                                                       V8_1.sql - LT-BY-A...K (AM\akosyuk (59)) → ×
  Connect ▼ ¥ ¥ ■ ▼ 🖒 👭
    ■ LT-BY-AKOSYUK (SOL Server 14.0.1000.169 - AM\akosvuk)
      □ ■ Databases
        ☐ System Databases
☐ System Databases
☐ Database Snapshots
☐ AdventureWorks2012
☐ ALEXEY_KOSYUK
                                                                                              □ALTER TABLE [dbo].[Address]
                                                                                       Database Diagrams
           [AddressID] INT NOT NULL PRIMARY KEY,
                                                                                                    [AddressID] INT NOT NULL PRIMARY KEY, 
[AddressLine1] NVARCHAR(60) NOT NULL, 
[AddressLine2] NVARCHAR(60) NOT NULL, 
[City] NVARCHAR(30) NOT NULL, 
[StateProvinceID] INT NOT NULL, 
[PostalCode] NVARCHAR(15) NOT NULL, 
[ModificeDate] DATETIME NOT NULL, 
[ID] INT NOT NULL UNTQUE, 
[PersonName] NVARCHAR(100) NULL

AddressID (PK, int, not null)
AddressLine1 (nvarchar(60), not null)
AddressLine2 (nvarchar(60), not null)
                        ☐ City (nvarchar(30), not null)

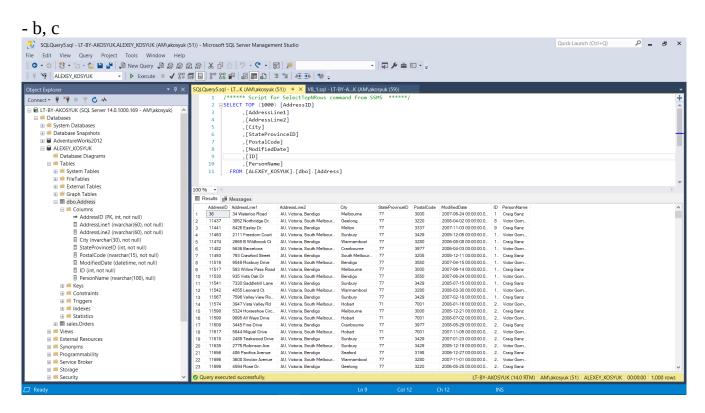
■ StateProvinceID (int, not null)

    B PostalCode (nvarchar(15), not null)
    ModifiedDate (datetime, not null)
    Il (int, not null)

                        PersonName (nvarchar(100), null)
                                                                                                      [City],
[StateProvinceID],
                  Completion time: 2019-10-20T03:44:33.0698298+03:00

    ■ External Resources

Synonyms
Frogrammability
Service Broker
Storage
                                                                                   100 % + 4
                                                                                                                                                                                                                           LT-BY-AKOSYUK (14.0 RTM) | AM\akosyuk (59) | ALEXEY_KOSYUK | 00:00:00 | 0 row:
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Quick Launch (Ctrl+Q)
V8_1.sql - LT-BY-AKOSYUK.ALEXEY_KOSYUK (AM\akosyuk (59)) - Microsoft SQL Server Management Studio
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                                                    ▼ | ▶ Execute = ✔ 80 @ B 80 80 @ B B D 3 3 4 4 3 10 10 10
   # * ALEXEY_KOSYUK
                                                                                                                         [AddressLine2] = [VAR].[AddressLine2],
..., rosp1 [FirstName] + ' ' + [PER].[LastName]
  Connect ▼ ¥ ¥ ■ ▼ ♂ →
    ■ LT-BY-AKOSYUK (SQL Server 14.0.1000.169 - AM\akosyuk)
                                                                                                                  [AddressLine2] = [VAR].[AddressLine2],
[PersonName] = [PER].[FirstName] + ' + ' + [PER].[LastName]
FROM [BaddressVariable 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];

    □ ■ Databases

        ■ System Databases

■ Database Snapshots

■ AdventureWorks2012

■ ALEXEY_KOSYUK

■ Database Diagrams

■ Tables
                                                                                                                  - d
DELETE [ADR]
FROM [dbo].[Address] AS [ADR]
INNER JOIN [AdventureNorks2012].[Person].[BusinessEntityAddress] AS [BEA]
ON [BEA].[AddressID] = [ADR].[AddressID]
INNER JOIN [AdventureNorks2012].[Person].[AddressType] AS [AT]
ON [AT].[AddressTypeID] = [BEA].[AddressTypeID] AND [AT].[Name] = "Main Office";
                ⊟ ■ 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)

    ■ ModifiedDate (datetime, not null)
    ■ ID (int, not null)
    ■ PersonName (nvarchar(100), null)
    ■ Keys
    ■ Constraints
    ■ Triggers
    ■ Indexes

                                                                                                  Messages
                       Statistics
                 Completion time: 2019-10-20T03:44:33.0698298+03:00

■ Programmability

    Service Broker
                                                                                                  100 % * 4
                                                                                                                                                                                                                                                                      LT-BY-AKOSYUK (14.0 RTM) AM\akosyuk (59) ALEXEY_KOSYUK | 00:00:00 | 0 row:
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V8_1.sql - LT-BY-AKOSYUK.ALEXEY_KOSYUK (AM\akosyuk (59)) - Microsoft SQL Server Management Studio
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<u>F</u>ile <u>E</u>dit <u>V</u>iew <u>Q</u>uery <u>P</u>roject <u>T</u>ools <u>W</u>indow <u>H</u>elp
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 Connect ▼ ¥ ¥ ■ ▼ 🖒 👭
                                                                                           ALTER TABLE [dbo].[Address]
   ■ LT-BY-AKOSYUK (SQL Server 14.0.1000.169 - AM\akosyuk)

    □ ■ Databases

      ■ System Databases
■ Database Snapshots
■ AdventureWorks2012
■ ALEXEY_KOSYUK
                                                                                           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]
INDER, JOUNS sys.objects AS [OB]
ON [CON] [parent_object_id] = [OB] [Object_id] AND scheme_name([OB] [scheme_id]) + '.' + [OB] [name] = 'dbo.Address'
ORDER BY [CON] [name]
             Database Diagrams
          □ ■ Tables
             ALTER TABLE [dbo].[Address]
DROP CONSTRAINT
[UQ_Address_3214EC2620FEED60],
             □ ■ Columns

AddressLine1 (nvarchar(60), not null)
AddressLine2 (nvarchar(60), not null)
City (nvarchar(30), not null)
City (nvarchar(30), not null)
                                                                                                [CH_Address_StateProvinceID],
[DF_Address_AddressLine2];

∃ StateProvinceID (int, not null)

■ PostalCode (nyarchar(15), not null)

                      ☐ ModifiedDate (datetime, not null)
☐ ID (int, not null)
                ⊞ ■ Keys

■ ■ Constraints

    ■ Statistics
                                                                              ⊞ Results № Messages
                                                                                    CONSTRAINT_NAME
PK__Address__091C2A1B21A83EDF
          UQ__Address__3214EC2620FEED60
CH_Address_StateProvinceID

    ■ Synonyms

    Programmability
    Service Broker
           ⊞ ≡ Storage
⊞ ≡ Security
                                                                                   DF_Address_AddressLine2
                                                                                                                                                                                                                 LT-BY-AKOSYUK (14.0 RTM) | AM\akosyuk (59) | ALEXEY_KOSYUK | 00:00:00 | 4 rows
          Security
```

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V8_1.sql - LT-BY-AKOSYUK.ALEXEY_KOSYUK (AM\akosyuk (59)) - Microsoft SQL Server Management Studio
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                                                                     V8_1.sql - LT-BY-A...K (AM\akosyuk (59)) * ×
Connect ▼ *♥ ■ ▼ ♂ →
                                                                                 ALTER TABLE [dbo].[Address]
  ■ LT-BY-AKOSYUK (SQL Server 14.0.1000.169 - AM\akosyuk)
  Databases
     ESELECT [INF].[CONSTRAINT_NAME] FROM [ALEXEY_KOSYUK].INFORMATION_SCHEMA.CONSTRAINT_TABLE_USAGE AS [INF]
WHERE TABLE_SCHEMA = 'dbo' AND TABLE_NAME = 'Address';

    ■ ■ Database Snapshots

■ AdventureWorks2012

    ■ AdventureWorks2012
    ■ ALEXEY_KOSYUK
    ■ Database Diagrams
    ■ Tables

                                                                                SECEL [LOW].[name] = ROW 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]
                                                                                   [UQ_Address_3214EC2620FEED60],

[CH_Address_StateProvinceID],

[DF_Address_AddressLine2];
                   → 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)
              Constraints
Triggers
              ⊞ Indexes
                                                                     Messages

    ■ Statistics

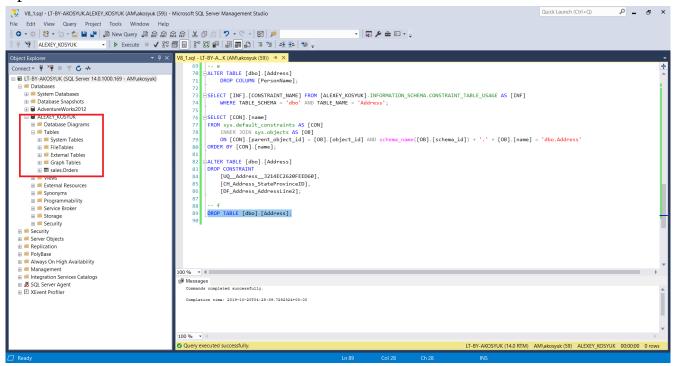
           Completion time: 2019-10-20T04:26:36.3966471+03:00

■ Synonyms

■ Programmability

         Service Broker
                                                                                                                                                                                           LT-BY-AKOSYUK (14.0 RTM) AM\akosyuk (59) ALEXEY_KOSYUK 00:00:00 0 ro
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2. Second subtask:

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V8_2.sql - LT-BY-AKOSYUK.ALEXEY_KOSYUK (AM\akosyuk (57)) - Microsoft SQL Server Management Studio
 File Edit View Query Project Tools Window Help
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                                  - D Execute ■ ✓ 80 🗐 🔡 80 80 🗊 🖫 🖫 🖫 🗷 🧏 24 -₹ ₹= 100 ÷
  ALEXEY_KOSYUK
                                                                          USE [ALEXEY KOSYUK]
  Connect ▼ ¥ ■ ▼ ♂ ♣
   ■ LT-BY-AKOSYUK (SQL Server 14.0.1000.169 - AM\akosyuk)

    □ ■ Databases

      ⊒ALTER TABLE [dbo].[Address]
| ADD
                                                                              [AccountNumber] NVARCHAR(15) NULL,
                                                                              [MaxPrice] MONEY NULL,
[AccountID] AS 'ID' + [AccountNumber];
         ⊞ ■ Database Diagrams

⊟ ■ Tables
           ∰ Messages
                                                                  Completion time: 2019-10-20721:30:11.0820359+03:00

    □ 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)

    □ AccountNumber (nvarchar(15), null)
    □ MaxPrice (money, null)
    □ AccountID (Computed, nvarchar(17), null)
             Views

Synonyms
Frogrammability
Service Broker
                                                               100 % - <
                                                                                                                                                                        LT-BY-AKOSYUK (14.0 RTM) | AM\akosyuk (57) | ALEXEY_KOSYUK | 00:00:00 | 0 ro
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- d V8_2.sql - LT-BY-AKOSYUK.ALEXEY_KOSYUK (AM\akosyuk (57)) - Microsoft SQL Server Management Studio ₽ <u>-</u> 5 × File Edit View Query Project Tools Window Help ◎ - ○ | 数 - 1 - 4 🖺 🖺 New Query 🚇 😭 ଲ ଲ ଲ ଲ | 米 市 台 | ヴ - ୯ - | 🖾 | 🏓 - | 🗊 🔑 🖮 🖂 - 💂 # 💜 ALEXEY_KOSYUK - | ▶ Execute | - ✔ 80 @ | 80 B | 80 B | 80 B | 80 B | 10 11 12 12 14 14 14 10 1 | TI-BY-A.K.(AMAgooguk(57)) ** X |
| (ADR.]. [ID], |
| (ADR.]. [AddressID], |
| (ADR.]. [AddressID], |
| (ADR.]. [AddressLinel], |
| (ADR.]. [AddressLinel], |
| (ADR.]. [City], |
| (ADR.]. [City], |
| (ADR.]. [FostalCodel], |
| (ADR.]. [ModifiedDatel], |
| (YEM]. [AccountHumber], |
| (MAPPICE_CTE]. [MaxPrice] |
| FROM [dob]. [Address] AS [ADR] |
| IIMER JOIN [AdventureWorks2012]. [Person]. [BusinessEntityAddress] AS [BEA] |
| (MINER JOIN [AdventureWorks2012]. [Purchasing]. [Vendor] AS [VEN] |
| ON [VEN]. [BusinessEntityID] = [BEA]. BusinessEntityID |
| INMER JOIN [MaxPrice_CTE] |
| ON [VEN]. [BusinessEntityID] = [MaxPrice_CTE]. [BusinessEntityID]; ■ LT-BY-AKOSYUK (SQL Server 14.0.1000.169 - AM\akosyuk)
□ ■ Databases
□ ■ System Databases ■ Database Snapshots ■ AdventureWorks2012 ### External Tables
Graph Tables
dbo.Address
Columns
AddressID (PK, int, not null)
AddressLine1 (mvarchar(60), not null)
AddressLine2 (mvarchar(60), not null) DELETE FROM [dbo].[Address]
WHERE [ID] = 293; City (nvarchar(30), not null)
 StateProvinceID (int, not null)
 PostalCode (nvarchar(15), not null)
 ModifiedDate (datetime, not null) GMERGE [dbo].[Address] AS [TARGET]
USING #AddressTemp AS [SOURCE]
ON ([TARGET].[ID] = [SOURCE].[ID])
WHEN MATCHED THEN ■ ID (int, not null) AccountNumber (nvarchar(15), null) MaxPrice (money, null)
 AccountID (Computed, nvarchar(17), null) ⊞ ■ Keys

⊞ ■ Constraints ∰ Messages Completion time: 2019-10-20723:41:50.3620585+03:00 ⊞ sales.Order ■ Synonyms ■ Programmability LT-BY-AKOSYUK (14.0 RTM) | AM\akosyuk (57) | ALEXEY_KOSYUK | 00:00:00 | 0 rows Service Broker

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