**-- Lesson 11**

**-- MERGE**

SELECT \* FROM [dbo].[DataForMerge]

CREATE TABLE [Function]

(

FunctionName NVARCHAR(20),

FunctionCount INT

);

MERGE [Function] f

USING (SELECT [IrinaPashkovich], COUNT([IrinaPashkovich]) AS [Count]

FROM [dbo].[DataForMerge]

WHERE [IrinaPashkovich] IS NOT NULL

GROUP BY [IrinaPashkovich]) AS d

ON f.FunctionName = d.[IrinaPashkovich]

WHEN MATCHED

THEN UPDATE SET f.FunctionCount = f.FunctionCount+d.[Count]

WHEN NOT MATCHED

THEN INSERT (FunctionName, FunctionCount)

VALUES ([IrinaPashkovich], [Count]);

GO

MERGE [Function] f

USING (SELECT [Darya], COUNT([Darya]) AS [Count]

FROM [dbo].[DataForMerge]

WHERE [Darya] IS NOT NULL

GROUP BY [Darya]) AS d

ON f.FunctionName = d.[Darya]

WHEN MATCHED

THEN UPDATE SET f.FunctionCount = f.FunctionCount+d.[Count]

WHEN NOT MATCHED

THEN INSERT (FunctionName, FunctionCount)

VALUES ([Darya], [Count]);

GO

MERGE [Function] f

USING (SELECT [Ekaterina], COUNT([Ekaterina]) AS [Count]

FROM [dbo].[DataForMerge]

WHERE [Ekaterina] IS NOT NULL

GROUP BY [Ekaterina]) AS d

ON f.FunctionName = d.[Ekaterina]

WHEN MATCHED

THEN UPDATE SET f.FunctionCount = f.FunctionCount+d.[Count]

WHEN NOT MATCHED

THEN INSERT (FunctionName, FunctionCount)

VALUES ([Ekaterina], [Count]);

GO

MERGE [Function] f

USING (SELECT [IrinaSelyutina], COUNT([IrinaSelyutina]) AS [Count]

FROM [dbo].[DataForMerge]

WHERE [IrinaSelyutina] IS NOT NULL

GROUP BY [IrinaSelyutina]) AS d

ON f.FunctionName = d.[IrinaSelyutina]

WHEN MATCHED

THEN UPDATE SET f.FunctionCount = f.FunctionCount+d.[Count]

WHEN NOT MATCHED

THEN INSERT (FunctionName, FunctionCount)

VALUES ([IrinaSelyutina], [Count]);

GO

MERGE [Function] f

USING (SELECT [Viktor], COUNT([Viktor]) AS [Count]

FROM [dbo].[DataForMerge]

WHERE [Viktor] IS NOT NULL

GROUP BY [Viktor]) AS d

ON f.FunctionName = d.[Viktor]

WHEN MATCHED

THEN UPDATE SET f.FunctionCount = f.FunctionCount+d.[Count]

WHEN NOT MATCHED

THEN INSERT (FunctionName, FunctionCount)

VALUES ([Viktor], [Count]);

GO

MERGE [Function] f

USING (SELECT [Dmitriy], COUNT([Dmitriy]) AS [Count]

FROM [dbo].[DataForMerge]

WHERE [Dmitriy] IS NOT NULL

GROUP BY [Dmitriy]) AS d

ON f.FunctionName = d.[Dmitriy]

WHEN MATCHED

THEN UPDATE SET f.FunctionCount = f.FunctionCount+d.[Count]

WHEN NOT MATCHED

THEN INSERT (FunctionName, FunctionCount)

VALUES ([Dmitriy], [Count]);

GO

MERGE [Function] f

USING (SELECT [Svetlana], COUNT([Svetlana]) AS [Count]

FROM [dbo].[DataForMerge]

WHERE [Svetlana] IS NOT NULL

GROUP BY [Svetlana]) AS d

ON f.FunctionName = d.[Svetlana]

WHEN MATCHED

THEN UPDATE SET f.FunctionCount = f.FunctionCount+d.[Count]

WHEN NOT MATCHED

THEN INSERT (FunctionName, FunctionCount)

VALUES ([Svetlana], [Count]);

GO

MERGE [Function] f

USING (SELECT [VikaVoronchuk], COUNT([VikaVoronchuk]) AS [Count]

FROM [dbo].[DataForMerge]

WHERE [VikaVoronchuk] IS NOT NULL

GROUP BY [VikaVoronchuk]) AS d

ON f.FunctionName = d.[VikaVoronchuk]

WHEN MATCHED

THEN UPDATE SET f.FunctionCount = f.FunctionCount+d.[Count]

WHEN NOT MATCHED

THEN INSERT (FunctionName, FunctionCount)

VALUES ([VikaVoronchuk], [Count]);

GO

MERGE [Function] f

USING (SELECT [VikaOstopchuk], COUNT([VikaOstopchuk]) AS [Count]

FROM [dbo].[DataForMerge]

WHERE [VikaOstopchuk] IS NOT NULL

GROUP BY [VikaOstopchuk]) AS d

ON f.FunctionName = d.[VikaOstopchuk]

WHEN MATCHED

THEN UPDATE SET f.FunctionCount = f.FunctionCount+d.[Count]

WHEN NOT MATCHED

THEN INSERT (FunctionName, FunctionCount)

VALUES ([VikaOstopchuk], [Count]);

SELECT \* FROM [Function]

