Merge Function

--- 1 ---

drop table if exists #ActionTable

CREATE TABLE #ActionTable

(ActionTaken nvarchar(50),

ExistingEmployeeID nvarchar(50),

NewEmployeeID nvarchar(50),

ExistingFirstName nvarchar(50),

ExistingLastName nvarchar(50),

NewFirstName nvarchar(50),

NewLastName nvarchar(50)

)

SET IDENTITY\_INSERT Northwind..Employees ON

MERGE Northwind..Employees AS target

USING (select BusinessEntityID, ISNULL(LastName,''), ISNULL(FirstName + ' ' + MiddleName, ''), Title

from Person.Person ) as source (EmployeeID, LastName, FirstName, Title)

ON (target.EmployeeID = source.EmployeeID)

WHEN MATCHED

THEN

update set LastName = source.lastname, firstname = source.firstname, title = source.title

WHEN NOT MATCHED BY TARGET

THEN

INSERT (EmployeeID, LastName, FirstName, Title)

VALUES (source.EmployeeID, source.LastName, source.FirstName, source.title)

OUTPUT $action, deleted.EmployeeID, inserted.EmployeeID, deleted.firstname, deleted.lastname, inserted.firstname, inserted.lastname INTO #ActionTable;

SET IDENTITY\_INSERT Northwind..Employees OFF

select \*

from #ActionTable