**Merge function**

**Answer 1:**

**A.**

insert into Northwind.dbo.Employees (LastName,FirstName,Address,HomePhone)

select p.LastName, p.FirstName, AddressLine1,pp.PhoneNumber

from AdventureWorks2016.Person.Person p

join AdventureWorks2016.Person.BusinessEntityAddress pa

on p.BusinessEntityID = pa.BusinessEntityID

join AdventureWorks2016.Person.Address a

on pa.AddressID = a.AddressID

join AdventureWorks2016.Person.PersonPhone pp

on p.BusinessEntityID = pp.BusinessEntityID

**B.**

merge into Northwind.dbo.Employees as target

using AdventureWorks2016.Person.Person as source

on (target.EmployeeID = source.BusinessEntityID)

when matched then

update set target.LastName = substring(source.LastName,1,20)

when not matched by target then

insert (LastName,FirstName)

values (LastName,FirstName)

output $action,

inserted.EmployeeID , deleted.EmployeeID,

inserted.LastName , deleted.LastName;