1.

-- select all columns

-- from the SalesLT.Customer table

select \* from SalesLT.Customer

2. -- select the Title, FirstName, MiddleName, LastName and Suffix columns

-- from the Customer table

SELECT Title, FirstName, MiddleName, LastName, Suffix

FROM SalesLT.Customer;

3. -- finish the query

SELECT SalesPerson, Title + ' ' + LastName AS CustomerName, Phone

FROM SalesLT.Customer;

4. -- cast the CustomerID column to a VARCHAR and concatenate with the CompanyName column

SELECT CAST(CustomerID AS VARCHAR) + ': ' + CompanyName AS CustomerCompany

FROM SalesLT.Customer;

5. -- finish the query

SELECT SalesOrderNumber + ' (' + STR(RevisionNumber, 1) + ')' AS OrderRevision,

CONVERT(NVARCHAR(30), OrderDate, 102) AS OrderDate

FROM SalesLT.SalesOrderHeader;

6. -- use ISNULL to check for middle names and concatenate with FirstName and LastName

SELECT FirstName + ' ' + ISNULL(MiddleName + ' ', '') + LastName

AS CustomerName

FROM SalesLT.Customer;

7. -- select the CustomerID, and use COALESCE with EmailAddress and Phone columns

SELECT CustomerID, COALESCE(EmailAddress, Phone) AS PrimaryContact

FROM SalesLT.Customer;

8. SELECT SalesOrderID, OrderDate,

CASE

WHEN ShipDate IS NULL THEN 'Awaiting Shipment'

ELSE 'Shipped'

END AS ShippingStatus

FROM SalesLT.SalesOrderHeader;