--5

SELECT t.name AS Table\_Name, c.name AS Column\_Name, ty.name AS Data\_Type

FROM sys.tables t

JOIN sys.columns c ON t.object\_id = c.object\_id

JOIN sys.types ty ON c.user\_type\_id = ty.user\_type\_id

ORDER BY Table\_Name, Column\_Name;

--6

SELECT LastName, FirstName, Phone

FROM CUSTOMER

WHERE City = 'Dallas';

--7

SELECT LastName, FirstName, Phone

FROM CUSTOMER

WHERE City = 'Dallas' AND LastName LIKE 'T%';

--8

SELECT l."InvoiceNumber"

FROM LINE\_ITEM l

WHERE l."ProductNumber" IN (

SELECT "ProductNumber"

FROM PRODUCT

WHERE "Description" = 'Heather Sweeney Seminar Live in Dallas on 25-OCT-09 – Video'

);

--9

SELECT i."InvoiceNumber"

FROM INVOICE i

JOIN LINE\_ITEM l ON i."InvoiceNumber" = l."InvoiceNumber"

JOIN PRODUCT p ON l."ProductNumber" = p."ProductNumber"

WHERE p."Description" = 'Heather Sweeney Seminar Live in Dallas on 25-OCT-09 –Video';

--10

SELECT DISTINCT c.FirstName, c.LastName, c.Phone

FROM CUSTOMER c

JOIN SEMINAR\_CUSTOMER sc ON c.EmailAddress = sc.EmailAddress

JOIN SEMINAR s ON s.SeminarID = s.SeminarID

WHERE s.SeminarTitle = 'Kitchen on a Big D Budget'

ORDER BY c.LastName DESC, c.FirstName DESC;

--11

SELECT DISTINCT

c.FirstName,

c.LastName,

c.Phone,

p.ProductNumber,

p.Description

FROM CUSTOMER c

JOIN INVOICE i ON c.EmailAddress = i.EmailAddress

JOIN LINE\_ITEM li ON i.InvoiceNumber = li.InvoiceNumber

JOIN PRODUCT p ON li.ProductNumber = p.ProductNumber

WHERE p.ProductNumber LIKE 'VK%'

ORDER BY c.LastName DESC, c.FirstName DESC, p.ProductNumber DESC;

--12

SELECT SUM(SubTotal) AS SumOfSubTotal

FROM INVOICE;

--13

SELECT AVG(SubTotal) AS AverageOfSubTotal

FROM INVOICE;

--14

SELECT SUM(Subtotal) AS SumOfSubTotal, AVG(Subtotal) AS AverageOfSubTotal

FROM INVOICE;

--15

UPDATE PRODUCT

SET UnitPrice = 34.95

WHERE ProductNumber = 'VK004';

--16

UPDATE PRODUCT

SET UnitPrice = 24.95

WHERE ProductNumber = 'VK004';

--17

DELETE FROM INVOICE;

DELETE FROM CUSTOMER;

-- Continue with other main tables...

--9

SELECT i.InvoiceNumber

FROM INVOICE i

JOIN LINE\_ITEM l ON i."InvoiceNumber" = l."InvoiceNumber"

JOIN PRODUCT p ON l."ProductNumber" = p."ProductNumber"

WHERE p."Description" = 'Heather Sweeney Seminar Live in Dallas on 25-OCT-09 – Video' ;