--Part.C.C1

CREATE VIEW vw\_supplier\_items

AS

SELECT DISTINCT Suppliers.SupplierID,

Suppliers.Name,

Products.ProductID,

Products.ProductName

FROM Suppliers

JOIN Products

ON Suppliers.SupplierID = Products.SupplierID

--Use the following to test the view

SELECT \*

FROM vw\_supplier\_items

ORDER BY Name, ProductID

--Part.C.C2

CREATE VIEW vw\_employee\_info

AS

SELECT EmployeeID,

(FirstName + ' '+ LastName) AS Name,

BirthDate

FROM Employees

--Use the following to test the view

SELECT \*

FROM vw\_employee\_info

WHERE EmployeeID IN (3,6,9)

--Part.C.C3

UPDATE Customers

SET Fax = 'Unknown'

WHERE Fax IS NULL

--Part.C.C4

CREATE VIEW vw\_order\_cost

AS

SELECT Orders.OrderID,

Orders.OrderDate,

Products.ProductID,

Customers.CompanyName,

(OrderDetails.Quantity \* OrderDetails.UnitPrice) AS OrderCost

FROM Orders

JOIN OrderDetails ON Orders.OrderID = OrderDetails.OrderID

JOIN Products ON OrderDetails.ProductID = Products.ProductID

JOIN Customers ON Orders.CustomerID = Customers.CustomerID

--Use the following to test the view

SELECT \*

FROM vw\_order\_cost

WHERE orderID BETWEEN 10100 AND 10200

ORDER BY ProductID

--Part.C.C5

INSERT INTO Suppliers

(SupplierID,

Name)

VALUES

(16,

'Supplier P')

--Part.C.C6

UPDATE Products

SET UnitPrice = UnitPrice\*1.15

WHERE UnitPrice < 5

--Part.C.C7

CREATE VIEW vw\_orders

AS

SELECT Orders.OrderID,

Customers.CustomerID,

Customers.CompanyName,

Customers.City,

Customers.Country,

Orders.ShippedDate

FROM Orders

JOIN Customers ON Orders.CustomerID = Customers.CustomerID

--Use the following to test the view

SELECT \*

FROM vw\_orders

WHERE ShippedDate BETWEEN '1993-01-01' AND '1993-01-31'

ORDER BY CompanyName, Country