Create a view called vw\_supplier\_items listing the distinct suppliers and the items they have shipped. Display the supplier id and name from the Suppliers table, and the product id and product name from the Products table. Use the following query to test your view to produce the result set listed below.

-- C1

CREATE VIEW vw\_supplier\_items

AS

SELECT DISTINCT s.SupplierID,

s.Name,

p.ProductID,

p.ProductName

FROM Suppliers s

INNER JOIN Products p ON s.SupplierID = p.SupplierID

Create a view called vw\_employee\_info to list all the employees in the Employee table. Display the employee id, last name, first name, and birth date. Format the name as first name followed by a space followed by the last name. Use the following query to test your view to produce the result set listed below.

-- C2

CREATE VIEW vw\_employee\_info

AS

SELECT EmployeeID AS EmployeeID,

(FirstName + ' ' + LastName) AS Name,

BirthDate AS BirthDate

FROM Employees

Using the UPDATE statement, change the fax value to Unknown for all rows in the Customers table where the current fax value is null (22 rows affected).

-- C3

UPDATE Customers

SET Fax = 'Unknown'

WHERE Fax IS NULL

Create a view called vw\_order\_cost to list the cost of orders. Display the order id and order\_date from the Orders table, the product id from the Products table, the company name from the Customers table, and the order cost. To calculate the cost of the orders, use the formula: (OrderDetails.Quantity \* OrderDetails.UnitPrice).

-- C4

CREATE VIEW vw\_order\_cost

AS

SELECT o.OrderID AS OrderID,

o.OrderDate AS OrderDate,

p.ProductID AS ProductID,

c.CompanyName AS CompanyName,

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

FROM Orders o

INNER JOIN OrderDetails od ON o.OrderID = od.OrderID

INNER JOIN Products p ON od.ProductID = p.ProductID

INNER JOIN Customers c ON o.CustomerID = c.CustomerID

Using the INSERT statement, add a row to the Suppliers table with a supplier id of 16 and a name of ‘Supplier P’.

-- C5

INSERT INTO Suppliers (SupplierID, Name)

VALUES(16,'Supplier P')

Using the UPDATE statement, increate the unit price in the Products table by 15% for rows with a current unit price less than $5.00 (2 rows affected).

-- C6

UPDATE Products

SET UnitPrice = ROUND((UnitPrice \* 1.15),0)

WHERE UnitPrice < 5

Create a view called vw\_orders to list orders. Display the order id and shipped date from the Orders table, and the customer id, company name, city, and country from the Customers table. Use the following query to test your view to produce the result set listed below.

-- C7

CREATE VIEW vw\_orders

AS

SELECT o.OrderID,

c.CustomerID,

c.CompanyName,

c.City,

c.Country,

o.ShippedDate

FROM Orders o

INNER JOIN Customers c ON o.CustomerID = c.CustomerID