/\* ACTIVITY 10 \*/ John Vollmer

/\* 1 \*/

CREATE VIEW CustomerAddresses

AS

SELECT c.CustomerID, EmailAddress, LastName, FirstName,

ba.Line1 AS BillLine1, ba.Line2 AS BillLine2,

ba.City AS BillCity, ba.State AS BillState, ba.ZipCode AS BillZip,

sa.Line1 AS ShipLine1, sa.Line2 AS ShipLine2,

sa.City AS ShipCity, sa.State AS ShipState, sa.ZipCode AS ShipZip

FROM Customers c

JOIN Addresses ba ON c.BillingAddressID = ba.AddressID

JOIN Addresses sa ON c.ShippingAddressID = sa.AddressID

/\* 2 \*/

SELECT CustomerID, LastName, FirstName, BillLine1

FROM CustomerAddresses

/\* 3 \*/

UPDATE CustomerAddresses

SET BillLine1 = '1990 Westwood Blvd.'

WHERE CustomerID = 8

/\* 4 \*/

CREATE VIEW OrderItemProducts

AS

SELECT o.OrderID, OrderDate, TaxAmount, ShipDate,

ProductName, ItemPrice, DiscountAmount, ItemPrice - DiscountAmount AS FinalPrice, Quantity,

(ItemPrice - DiscountAmount) \* Quantity AS ItemTotal

FROM Orders o

JOIN OrderItems li ON o.OrderID = li.OrderID

JOIN Products p ON li.ProductID = p.ProductID

/\* 5 \*/

CREATE VIEW ProductSummary

AS

SELECT ProductName, COUNT(ProductName) AS OrderCount, SUM(ItemTotal) AS OrderTotal

FROM OrderItemProducts

GROUP BY ProductName

/\* 6 \*/

SELECT TOP 5 ProductName, OrderTotal

FROM ProductSummary

ORDER BY OrderTotal DESC

/\* 7 \*/

CREATE PROCEDURE dbo.uspGetInput @UserInput navchar(30),

AS UserInput

/\* 8 \*/

EXEC dbo.uspGetInput @UserInput = UserInput;