1. INNER JOIN
   1. SELECT CustFirstName, CustLastName, ShipDate

FROM Customers INNER JOIN Orders ON Customers.CustomerID = Orders.CustomerID

AND OrderNumber = 806;

* 1. SELECT ProductName, VendName FROM Products

INNER JOIN Product\_Vendors ON Products.ProductNumber = Product\_Vendors.ProductNumber

INNER JOIN Vendors ON Product\_Vendors.VendorID = Vendors.VendorID

ORDER BY VendName, ProductName;

* 1. SELECT CustFirstName, CustLastName, ProductName, (RetailPrice - QuotedPrice)

AS "Discounted Amt." FROM Customers

INNER JOIN Orders ON Customers.CustomerID = Orders.CustomerID

INNER JOIN Order\_Details ON Orders.OrderNumber = Order\_Details.OrderNumber

INNER JOIN Products ON Order\_Details.ProductNumber = Products.ProductNumber

WHERE Orders.OrderNumber = 685 AND QuotedPrice < RetailPrice;

* 1. SELECT DISTINCT p.ProductName, v.VendorID FROM Products p

INNER JOIN Product\_Vendors pv ON p.ProductNumber = pv.ProductNumber

INNER JOIN Vendors v ON pv.VendorID = v.VendorID

INNER JOIN Product\_Vendors pv1 ON pv.ProductNumber = pv1.ProductNumber

AND pv.VendorID <> pv1.VendorID

ORDER BY ProductName;

1. Theory Questions
   1. What is the row count of the Customers and Employees Cartesian query?
      1. **224**
   2. T/F – It is valid SQL to inner join the Employees and Customers tables where CUSTATE = EMPCITY
      1. **False**
   3. Write the SQL for the self join that’s listed as an exercise at the bottom of the page from the link on page 8 of this PDF
      1. **SELECT DISCTINCT c1.ContactName, c1.Address, c1.City. c1.Region   
         FROM Customers AS c1, Customers AS c2  
         WHERE c1.City = c2.City   
         AND c1.ContactName <> c2.ContactName  
         ORDER BY c1.City, c1.ContactName;**
   4. If I have 5 tables that are joined, how many ON clauses will I have in my query?
      1. **4**