**SQL Join Exercises**

1. Write a SQL statement to show employees’ first names, last names, and hired dates sorted from newest to oldest.
2. Write a SQL statement to show the product name and unit price of all products that are out of stock.
3. Write a SQL statement to show order Ids and associated customers for all of the orders. You must show the company name and order Id for each order.
4. Write a SQL statement to show the customers that have placed more than 10 orders. You must show the company name and the number of orders for each customer meeting the condition.
5. Write a SQL statement to show the total quantity of products ordered for all of products. You must show the product name and total quantity for each product. Note that you must show the number “0” for the products that have no associations to any orders.

SELECT Employees.LastName, Employees.FirstName,

Employees.HireDate FROM Employees

Order By Employees.HireDate

SELECT Products.ProductName, Products.UnitPrice from Products

Where Products.UnitsInStock = 0

SELECT Orders.OrderID, Customers.CompanyName FROM Customers

INNER JOIN Orders

ON Customers.CustomerID=Orders.CustomerID

SELECT Customers.CompanyName, Count( Orders.OrderID) as [Number Of Orders] FROM Customers

Inner JOIN Orders

ON Customers.CustomerID = Orders.CustomerID

Group By Customers.CompanyName

Having Count( Orders.OrderID) >=10

SELECT Products.ProductID, Products.ProductName, ISNULL (Sum( [Order Details].Quantity),0) as Total FROM Products

Left JOIN [Order Details]

ON Products.ProductID = [Order Details].ProductID

Group By Products.ProductID, Products.ProductName

Order by Products.ProductID