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CIS 435 L

6 March 2020

**Unit 1 Lab Assignment 2: Querying a Single Table**

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| **Exercise 1** |  |
| **Exercise 2** | Continue to work with the previous query and exclude those rows that are 0 for the column ListPrice. |
| **Exercise 3** | Write a query that retrieves the Name of all stores with “Bike” in the Name from the Sales.Store table in descending order. |
| **Exercise 4** | Write a query that retrieves AddressLine 1, AddressLine 2, City, and PostalCode who do not have NULL for AddressLine2 from the Person.Address table. |
| **Exercise 5** | Using the table in Exercise 4 retrieve AddressID then combine AddressLine 1, AddressLine 2, City, and PostalCode into a column named FullAddress with comma delimiters. Exclude all NULLs and sort by Full Address in ascending order. |
| **Exercise 6** | Write a query that retrieves all fields with a CardType as SuperiorCard, the ExpMonth of 11, and the ExpYear as 2006 from the Sales.CreditCard table. |
| **Exercise 7** | How many items in the Production.ProductCostHistory table have a StandardCost more than 10.00? List the Item ProductID and StandardCost. |
| **Exercise 8** | Write a query that retrieves Quantity and ProductID for ShoppingCartItemID 1 through 4 using the Sales.ShoppingCartItem table. |
| **Exercise 9** | Write a query that retrieves the BusinessEntityID and TerritoryID for BusinessEntityID’s that start with 28 using the Sales.SaleTerritoryHistory table. |
| **Exercise 10** | Using the same table as Exercise 9, write a query that retrieves the TerritoryID and BusinessEntityID that have a start date of May 31, 2011 and end date of Nov. 29, 2012. Also, create a new column named age and calculate the days between the start date and end date. |
| **Exercise 11** | Using the same table as Exercise 9, write a query that retrieves all fields with a NULL EndDate and a TerritoryID of 1. Sort the results by StartDate then BusinessEntityID. |
| **Exercise 12** | Write a query that retrieves the Name and CurrencyCode for all CurrencyCode that begin with A-C and end with R-T using the Sales.Currency table. Sort the results by Name in ascending order. |
| **Exercise 13** | Who is a manager? List the Name of all managers in the Person.ContactType table. Limit the query to the first 3 managers. |
| **Exercise 14** | Write a query using the HumanResources.EmployeePayHistory table that retrieves the BusinessEntityID, Rate, PayFrequency for all employees that get paid once a month, and calculate the monthly gross pay based on a 40 hour work week with 4 weeks in a month and store the results in a field name MonthlyPay. Sort results by MonthlyPay in descending order. |
| **Exercise 15** | Write a query that retrieves the LocationID, Name, CostRate, and Availability for all locations with a CostRate and Avaiability more than 0.00 and a Name that starts with the letter F or S using the Production.Location table. Sort by CostRate then Name. |