**CMSC/CIS 255 Fall 2015**

**SELECT Exercise**

USE AdventureWorks2014.

1. Find the average number of VacationHours taken by employees in the HumanResources.Employee table. Then compute this for (a) employees hired in 2009, (b) employees hired in 2007, (c) employees hired in either 2009 or 2007.
2. Determine, for each year in which at least 5 employees were hired, the number of employees hired in that year and their average number of VacationHours.
3. Show the CountryRegionCode and Name of each state or province in Person.StateProvince. Display the results in alphabetical order by CountryRegionCode and and within each country in reverse alphabetical order by Name. Then modify the query to show only one-word names.
4. Find the PurchaseOrderID’s of the 10 purchase-orders in Purchasing.PurchaseOrderHeader with the largest add-on cost (difference between SubTotal and TotalDue).
5. How many vendors have each of the CreditRatings in Purchasing.Vendor?
6. What is the overall range of order-dates in Sales.SalesOrderHeader?