**CMSC/CIS 255 Fall 2015**

**Homework 6 Self-Check**

**DUE: Midnight TUE Oct 11**

Complete the following by comparing the HW6 document you handed in with the HW6 Solution document posted on Scholar. Upload to HW6 Hand-in.

Indicate on each line below whether you got it correct or are not sure. If you didn’t do it leave it blank.

|  |  |
| --- | --- |
| **51** | **Y (Yes), NS (Not Sure) or N (No)** |
| **CREATE DATABASE statement** | **Y** |
| **USE database statement** | **Y** |
| **CREATE SCHEMA statement** | **Y** |
| **GO statements before and after** **CREATE SCHEMA** | **Y** |
| **Two DROP TABLE statements, Employee first, then Department** | **Y** |
|  |  |
| **Two CREATE TABLE statements:** | **Y** |
| **Department table first:** | **Y** |
| **DepartmentID is INT, DepartmentName is string** | **Y** |
| **DepartmentID is PK** | **Y** |
| **The other constraints are optional** |  |
| **Employee table next:** |  |
| **EmployeeID and DepartmentID are INT, LastName is string** | **Y** |
| **EmployeeID is PK** | **Y** |
| **DepartmentID is FK** | **Y** |
| **The other constraints are optional** |  |
| **All attributes NOT NULL except for DepartmentID in Employee table** | **Y** |
|  |  |
| **GO statement between CREATE TABLE and INSERT DATA statements** | **Y** |
|  |  |
| **INSERT statements for data** | **Y** |
| **4 rows inserted for Department table** | **Y** |
| **6 rows inserted for Employee table** | **Y** |
|  |  |
| **Screenshots of both tables shown, matching the tables in the document.** | **N** |

**I will grade 52-54.**

**NOTE for 55: The columns can always be in a different order.**

|  |  |
| --- | --- |
| **55** | **Y (Yes), NS (Not Sure) or N (No)** |
| 1. Output matches (order of rows could be different). | N |
| Query is the same or similar. | N |
| DISTINCT used to remove duplicates. | N |
|  |  |
| 1. Output matches (order of rows must be the same). | N |
| Query is the same or similar. | N |
| ORDER BY InstructorID, ClassTitle is used (ASC can be included) | N |
|  |  |
| 1. Output matches (order of rows must be the same). | N |
| Column containing the student’s full name has a descriptive title. | N |
| Query is the same or similar. OUTER JOIN is needed. | Y |
|  |  |
| 1. Output matches (order of rows must be the same). | N |
| Query is the same or similar. | N |
| DISTINCT should be applied within the COUNT of ClassID to count the number of courses correctly. | N |
| ORDER BY with both columns DESC is used. | Y |
|  |  |
| 1. Output matches one of the 2 solutions (order of rows may differ; date columns can be omitted). | N |
| Query is the same or similar as one of the 2 solutions. | N |
| DATEDIFF is used. | Y |
|  |  |
| 1. Output correct (order of rows must be the same). | N |
| Query is the same or similar as one of the 2 solutions. | N |
| HAVING statement is needed. | N |
| ORDER BY 3 columns needed: the number of common-courses and both student-ids. | N |