**CSc 484 – Assignment #2 – Gamradt**

**Due: 02-22-24 @ 9:30 AM**

**Name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**You may work in groups of up to 3 students**

1. Write the following queries in SQL, using the University database

* Create a university2 database consisting of the **large** relation data set
  + Results should include a maximum of 10 rows – simply only screenshot the first 10 rows
  + Add the total row count to your answer
* Write an appropriate SQL query statement for each problem
  + Whenever multiple tables/relations are used together write an appropriate join query statement

1. Consider the university database schema – use the **join** clause
2. List the IDs of all students who are advised by the instructor named **Sullivan CHANGED**
3. List all instructors in alphabetical order by department name, and then by instructor’s name
4. List all instructors with the lowest salary
   * There may be more than one instructor with the same salary
5. List the number of students in each department
6. List the ID, name, salary of all instructors whose salary is greater than every average salary of every department
7. List the department name and the number of instructors for all departments with 2 or more instructors
8. List the ID, name, and course\_id of all students enrolled in Fall 2004
9. List the course\_id and the number of students enrolled of each course offered in Spring 2010
   * Courses with different sec\_id values are the same course
10. List all student’s names who have never received an A or A- grade in any course
11. List all student IDs and names for students who have not taken any courses offered before 2005
12. List the highest instructor salary for each department, except **Marketing CHANGED**
13. List the ID, name and the number of courses taught for all instructors
    * The number of courses is 0 for instructors who have not taught any courses
14. List the name and the number of instructors assigned to each department
    * The number of instructors is 0 for departments that have no instructors
15. List the ID and name of all students who took courses in both Fall 2009 and Spring 2010
16. List the ID and name of all students who have never taken a course at the university

**Submit**

1. A query file containing all query statements for each question
   * Lastname2.sql // 1 submission per group
2. A result file containing the results for each question
   * Lastname2.docx // 1 submission per group

Submit to my [ken.gamradt@gmail.com](mailto:ken.gamradt@gmail.com) account

SUBJECT: <Lastname> – CSC 484 – Assignment #2

I would use: Gamradt – CSC 484 – Assignment #2