**CSc 484 – Assignment #1 – Gamradt**

**Due: 02-08-24 @ 9:30 AM (Late: None Accepted)**

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

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

1. Create the university database and upload data to the database
   * Step 1: create a new database
   * Step 2: download SQL files
     + DDL -- use this one first time
     + DDL with drop table -- use this one to recreate/reinitialize
     + SQL code for creating small relations -- use this one
     + SQL code for creating large relations
       - <https://codex.cs.yale.edu/avi/db-book/university-lab-dir/sample_tables-dir/index.html>
       - Step 3: run the SQL code
2. Consider the university database schema

Write an SQL query for each of the following scenarios:

* 1. Find the ID and name of each instructor in the Finance department
  2. Find the ID and name of each instructor in a department located in the Painter building
  3. Find the ID and name of each student who has taken at least one course in the Music department
  4. Find the ID and name of each student who has taken at least one course section in the year 2017
  5. List the ID and name of those instructors who are not from Biology dept
  6. List the courses\_id, semester, year of all courses that were taught in Fall 2017 or in Spring 2018
  7. List the information of all courses which include ‘Co’ as a substring in its title
  8. Find the titles of all courses in the Comp. Sci. dept that have 4 credits
  9. Find the id and name of the students from the ‘Comp. Sci.’ dept whose name has 5 characters
  10. Find the information of the students from ‘Comp. Sci.’ and ‘Elec. Eng.’ Department whose total credits are above 55

**Submit**

1. A query file containing all query statements for each question
   * Lastname1.sql // 1 submission per group
2. A result file containing the results for each question
   * Lastname1.docx // 1 submission per group

Submit to my ken.gamradt@gmail.com account

SUBJECT: <Lastname> – CSC 484 – Assignment #1

I would use: Gamradt – CSC 484 – Assignment #1