

## Assignment 0

Weight: 1% (bonus) of your final grade

The purpose of this assignment is

- to review some of the prerequisites for this course (i.e., *Relational Algebra*, *SQL*), and
- to help you familiarize with *PostgreSQL*.

You are **not** required to complete this assignment; however, we do **recommend** you to complete it.

To complete the SQL part, you may work at home, or on the cdf machines. Either way, you will have to install PostgreSQL first.

For more information on how to install PostgreSQL, please see the `pginstall.pdf` document.

For this assignment we use the schema of the University database. You can download it from `www.cs.toronto.edu/~koudas/courses/cscd43/hw0.ddl`

Write the following queries in Relational Algebra and SQL:

1. Find the titles of the courses that belong to the program(s) of study you are enrolled into.
2. Find the names of the teachers who teach the courses you are enrolled in this semester.
3. Find the names of the teachers who never taught a course in a fall term that had an enrollment greater than 50.
4. Find the names of the graduate students who were your teaching assistants in every course you ever took.

**Good luck!**