The University of New South Wales

COMP9315 DBMS Implementation
21T1 Sample Exam

Before continuing on with reading this, please read and acknowledge the following:

> ☑ **I acknowledge that all of the work I submit for this exam will be completed by me without assistance from anyone else.**

This document has three sections:

- Reading the exam paper
- Setting up your working directory
- Submitting your answers

You might want to keep it open in a browser tab in case you need to refer to it.

You can work on the exam either on your laptop/workstation at home or by logging in to your CSE asccount on one of the CSE servers. However you choose to do it, you should

- First make a new directory/folder called e.g. `exam`

- Then make this your current directory and do all your work there

Reading the exam paper

If you want to put the exam paper on your laptop at home ...

- Unzip the file https://www.cse.unsw.edu.au/~cs9315/21T1/exams/sample/exam-paper.zip

- This will create a new directory called `paper` under your current directory

- Start your web browser and access the paper via the `File > Open File` menu item

If you want to view the exam paper via the CSE web server ...

- Start your web browser

- Open this link to the paper on the CSE servers

Setting up your working directory

If you want to work on your laptop/workstation *at home* ...

- You will need to have `gcc` and `make` installed on your machine

- Unzip the file https://www.cse.unsw.edu.au/~cs9315/21T1/exams/sample/exam-work.zip

If you want to work *on the CSE servers* ...

- Login to a CSE server either via `putty` or `VLab`

- Unzip the file /web/cs9315/21T1/exams/sample/exam-work.zip

After doing either of the above, you will have a new directory called `work`. In this directory you will find:

`q1/`

  A directory containing all of the files for completing the programming question, including a `run_tests.sh` script

`q2.txt, q3.txt, ... q8.txt`

Templates for answering the written questions. Edit these files using a text editor of your choosing, and submit the edited files.

Submitting your answers

You must submit all files containing your answers via `give`. You can `give` files either via Webcms3 or via the command-line. If you use the command line version of `give` the files will need to be loaded onto a CSE server (details below).

If you are working on your laptop/workstation *at home* ...

- You have two options: Webcms3 or command-line:

  Webcms3

  - go to the `Submit Qx` page under `Sample Exam`

  - click on the `Make Submssion` tab, select the file, and click `Submit`

  command-line

  - use `scp` (or any other file copying mechanism) to put the file onto your CSE account

  - example: `scp q3.txt z1234567@cse.unsw.edu.au:q3.txt` (don't forget the `:`)

  - login to your CSE account (e.g. via `putty`) and run the `give` command as described at the bottom of the question

  - example: `give cs9315 sample_q3 q3.txt`

If you are working *on the CSE servers* ...

- You can directly use `give` as described at the bottom of the question

- example: `give cs9315 sample_q1 buckets.c`