

The University of New South Wales

COMP9315 DBMS Implementation 22T1 Final Exam Instructions

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

<input checked="" type="checkbox"/>	<p>I acknowledge that all of the work I submit for this exam will be completed by me without assistance from anyone else.</p>
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Warning: We will be running plagiarism-checking on your submissions. Plagiarism, especially in exams, will be prosecuted as Student Misconduct.

This document has five sections:

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You might want to keep this document 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 account 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

Setting up your on-screen workspace

We suggest that you open a browser with the following tabs:

[COMP9315 Home Page](#)

To keep track of any notices related to the exam; refresh this page every so often.

[This Instruction Page](#)

Just in case you need to check it again..

[The Final Exam Submission page](#)

If you plan to submit your answers through Webcms3.

[The Final Exam Paper](#)

To read the questions and instructions.

Also, open a **terminal window** for testing your programs. If you use an editor like `vim`, you can also use this window for editing. And open a window where you edit your answers.

You should also have a **mail reader** open to receive any updates on the exam (which will also be posted on the Webcms3 Notices), or to ask for clarification on any question (email cs9315@cse.unsw.edu.au).

Note on Downloading

If you click on the links to `exam-*.zip` below, your browser will most likely put them in your downloads folder, and may even unzip them for you. Check the downloads folder and move the relevant directory (`work` or `paper`) into your exam directory. If the downloads folder contains the zip file, then move that to your exam directory.

You can generally force browsers to download the `exam-*.zip` file without unzipping it by using a right mouse-click on the link. Once you have the zip file in your exam directory, you can run the `unzip` command manually.

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/~cs9315/22T1/exams/final/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/~cs9315/22T1/exams/final/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/cs9315/22T1/exams/final/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 1st programming question, including a `run_tests.sh` script

`q2/`

A directory containing all of the files for completing the 2nd programming question, including a `run_tests.sh` script

`q3/`

A directory containing all of the files for completing the 3rd programming question, including a `run_tests.sh` script

`q4.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 `Final Exam`
- click on the `Make Submission` 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 `ssh` or `putty`) and run the `give` command as described at the bottom of the question
- example: `give cs9315 exam_q7 q7.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 exam_q4 q4.txt`