

CS2211a Lab Submission Guidelines

Your labs are to be submitted electronically through OWL course website. Online submissions may be checked for similarity.

A lab may contain *two* parts.

1. **Conceptual Questions** : The TA's will check the pdf file submitted for this part of your lab. See the submission details below.

2. **System and Programming Questions** : The TA's will check your system commands and programming codes on UNIX server (compute.gaul.csd.uwo.ca) in GAUL network. You must ensure that everything works properly in your GAUL account (compute.gaul.csd.uwo.ca) before submitting your lab.

What to Submit Electronically

Please follow these directions **precisely** :

- in your home directory, create the following directories: [~/courses](#), [~/courses/cs2211a](#), and [~/courses/cs2211a/Labs](#)
- in directory [~/courses/cs2211a/Labs](#) , create one subdirectory for each lab, [lab1](#), [lab2](#), [lab3](#), [lab4](#), [lab5](#), [lab6](#), [lab7](#), [lab8](#), [lab9](#), [lab3](#), [lab10](#), [lab11](#), and [lab12](#)
- in the subdirectory for the lab (e.g. [~/courses/cs2211a/Labs/lab2](#) for lab 2), put the following files:
 1. the CS2211a lab submission form **Lab_SubmissionForm.txt** (download from course web site and then fill the required information)
 2. the **lab2_answer.pdf** file (e.g. for lab 2), if any, for the conceptual questions.
 3. the .c file(s), if any, for the C exercises
 4. the .h file(s). if any, for the C exercises
 5. the Makefile and README, if any, for the C exercises
 6. the shell script program files required in the Unix shell script exercises
 7. the output files from Unix script command for screen captures of Unix shell exercises and C exercises (see [Screen Capture](#) information below)
- **to submit your lab files**, get to your [~/courses/cs2211a/Labs](#) directory and then type the following commands (i.e. for Lab 2)

```
tar czvf YourUserName_lab2.tar.gz lab2
```

This will generate a file called [YourUserName_lab2.tar.gz](#) that contains **all of the files in your [lab2](#) ([~/courses/cs2211a/Labs/lab2](#)) subdirectory**. Note that [YourUserName](#) should be your UWO email user name or your Gaul account user name.

You will submit this file, [YourUserName_lab2.tar.gz](#), to the cs2211a lab submission area in OWL.

You may need to transfer files between your home computer and the server on Gaul. For Mac, Linux, and Windows 10 users, you may use [sftp](#). For other Windows users, you may download and install [WinSCP](#) or [FileZilla](#).

Notes. Online Submission:

- You may resubmit your online copy a second or third time if you decide to revise it; only the last one will be used.
 - You will get an email receipt of your submission, so that you know it arrived at its destination safely. Please keep all the confirmation emails until the end of this term.
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answer.pdf: for conceptual question.

The following six lines should appear on the first page of the pdf file.

```
CS2211a 2020
Lab number
Your name
Your student number
Your UWO User Name
Date Completed
```

.c and .h files: for C source code files and header files.

The following six lines should appear in each .c and .h file, from line 1 to line 6, as comments

```
// CS2211a 2020
// Lab number
// Your name
// Your student number
// Your UWO User Name
// Date Completed
```

.sh files: for shell script files.

The following seven lines should appear in each .sh file, from line 1 to line 7.

```
#!/bin/sh
# CS2211a 2020
# Lab number
# Your name
# Your student number
```

Your UWO User Name

Date Completed

Screen Capture: To capture screen output, type

script filename (see information from individual lab for the filename to use)

.....

(type your commands as usual)

.....

exit

This will create a printable file with the file name you specified (as *filename*) that contains everything that appeared on the screen between the time that you typed the command *script* and the command *exit*.

You may also append to an existing script file by using the command *script -a filename*. For each screen capture, before the commands for the exercise, type the following three commands:

1. the **date** command (to show the date and time of your run)
2. the **who am i** command (to show your user name)
3. the **pwd** command (to show the directory path to your current working directory)