

CSC2408 S1 2021 ASSIGNMENT 2

Objective

The objective of this second assessment is to assess the knowledge of basic document typesetting using LaTeX, knowledge of bash scripting and knowledge of the further use of Linux as a platform for software development.

Specification and Supporting Information

The individual Question specifications and their marking schemes can be found in a .tar file available for download on the [Study Desk](#) under the **Assessments** tab.

Marks

There are **three (3)** questions in Assignment 2, each consisting of multiple parts. There are 60 marks and Assignment 2 comprises 20% of your final mark.

Submission

- You will generate **several files** for submission, and you should combine them into a single .tar file with the filename `userid.tar` where *userid* is your student number. Then, you must compress it using `gzip`. This compressed archive will then be uploaded to the submission link for Assignment 2 on the [Study Desk](#).
- For **Question 1**, you will create a bash script and a .tex file. These files are mandatory. The question generates other files and they may be included if desired.
- For **Question 2**, you will create a bash script.
- For **Question 3**, you will create a .tex document that you will compile into a .pdf file. You should include both files in your submission.
- It is acceptable to maintain the directory structure of the downloaded .tar file and include all files. If you do this, you should ensure it is clear which files comprise your final submission. (i.e. remove any superfluous or backup or intermediate files).

Late Submission of Assignments¹

Students can apply for an extension of time to submit an assignment at any time up to the deadline. Students are advised to make a request for an extension as soon as their need becomes apparent.

Delay in making a request involves the risk of losing marks if the request is refused. The Examiner may grant a short extension of the deadline for submission of an assignment. Extensions are usually granted only in cases of [Compassionate and Compelling Circumstances](#) in accordance with the assessment of [Compassionate and Compelling Circumstances Procedure](#). Generally, extensions will be limited to a maximum of five University Business Days. A Student requiring an extension for a period of time in excess of this should consider applying for a Deferred Assessment as per Section 4.4 of the assessment procedure.

Applications for extensions must be made via the [request for extension link](#). An Assignment submitted after the deadline without an approved extension of time will be penalised. The penalty for late submission without a pre-approved extension is a reduction by 5% of the maximum mark applicable for the assignment, for each University business day or part business day that the assignment is late. An assignment submitted more than ten University business days after the deadline will have a mark of zero recorded for that assignment.

The Examiner may refuse to accept assignments for assessment purposes after marked assignments and/or feedback have been released.

Non-submission of Assignments and Passing Grades²

To be assured of receiving a passing grade a student must obtain at least 50% of the total weighted marks available for the course and have satisfied any Secondary Hurdles (if applicable).

Supplementary assessment may be offered where a student has undertaken all of the required summative assessment items and has passed the Primary Hurdle but failed to satisfy the Secondary Hurdle (Supervised), or has satisfied the Secondary Hurdle (Supervised) but failed to achieve a passing Final Grade by 5% or less of the total weighted Marks.

¹The full assessment rules and regulations can be found at <http://policy.usq.edu.au/documents.php?id=14749PL>

²See the University [Assessment Procedure policy document](#)

To be awarded a passing grade for a supplementary assessment item (if applicable), a student must achieve at least 50% of the available marks for the supplementary assessment item as per the [Assessment Procedure](#) (point 4.4.2).

The offer of Supplementary Assessment normally will only be made if the Student has undertaken all possible Summative Assessment Items for the Course (i.e. the assignments).

Student Responsibilities

The [Assessment Procedure](#) Section 4.2.2, also outlines the following student responsibilities:

- If requested, Students must be capable of providing a copy of Assignments submitted. Copies should be dispatched to the University within 24 hours of receipt of a request being made.
- Students are responsible for submitting the correct Assignment.
- Assignment submissions must contain evidence of student effort to address the requirements of the Assignment. In the absence of evidence of Student effort to address the requirements of the assignment, no Mark will be recorded for that Assessment Item.
- A Student may re-submit an Assignment at any time up to the deadline. A request to re-submit after the deadline is dealt with in accordance with section 4.4 'Deferred, Supplementary and Varied Assessment and Special Consideration' of these procedures.

Academic Integrity

Academic misconduct is unacceptable and includes plagiarism, collusion and cheating:

- *plagiarism*: involves the use of another person's work without full and clear referencing and acknowledgment;
- *cheating*: involves presenting another student's work as your own;
- *collusion*: is a specific type of cheating, that occurs when two or more students fail to abide by directions from the examiner regarding the permitted level of collaboration on an assessment.

All are seen by the University as acts of misconduct for which you can be penalised. For further details go to the [Library's site on Plagiarism](#).

Question 1 (25 Marks)

Topic: bash scripting and \LaTeX ; reading files

Submission: You will create a bash script called `userid_q1.sh` where *userid* is your student number and a \LaTeX file called `feedbackTemplate.tex`.

Tasks: Download the specification and supporting information from the [Study Desk](#) under the **Assessments** tab. The specification for this question will be in the Q1 subdirectory.

Question 2 (25 Marks)

Topic: bash scripting; case, reading interactively.

Submission: You will create a bash script called `userid_q2.sh` where *userid* is your student number.

Tasks: Download the specification and supporting information from the [Study Desk](#) under the **Assessments** tab. The specification for this question will be in the Q2 subdirectory.

Question 3 (10 Marks)

Topic: \LaTeX document typesetting

Submission: You will create two files `userid_q3.tex` and `userid_q3.pdf` where *userid* is your student number.

Tasks: Download the specification and supporting information from the [Study Desk](#) under the **Assessments** tab. The specification for this question will be in the Q3 subdirectory.

End of Assignment 2

You should have several files as indicated.

Combine these into a single `.tar` file and compress with `gzip`.

This file should then be uploaded using the Assignment 2 submission link on the [Study Desk](#).

This assignment specification was typeset using \LaTeX