

Your submission for this tutorial must include your full name and you nine-digit student number as a comment at the top of every source file you submit. All source code files must be written using the Python 3 programming language and must run on the course's official virtual machine.

Exercise A: "Letter Grades"

For this exercise you will design and implement a program that will receive the numerical grades of a student as user input, and then determine the letter grade that will be assigned to that student. The conversion from numerical to letter grades at Carleton University is detailed in the table below:

A+	90-100	B+	77-79	C+	67-69	D+	57-59
A	85-89	B	73-76	C	63-66	D	53-56
A-	80-84	B-	70-72	C-	60-62	D-	50-52
						F	0-49

In order to complete this task, you will need to:

- review the "Assessment Scheme" section of your official course outline
- assume that the grade ranges are inclusive (e.g., numerical grade 90 results in letter grade A+)

Your submission for this exercise:

- must ask the user for the overall grade received for tutorials, quizzes, assignments, and final
- must be a source code file with filename¹ `'comp1405_f21_#####_tutorial_03_a.py'`

Exercise B: "General Store"

For this exercise you will design and implement a simple menu inspired by the "General Store" encountered at the beginning of the educational game "The Oregon Trail". Players would select a profession (banker, carpenter, or farmer) for an initial balance of money, and then specify how many pounds of food or oxen to purchase before the game begins.



In order to complete this task, you will need to:

- observe how the menu was implemented in "The Oregon Trail"²
- decide on the professions and supplies you wish to support

Your submission for this exercise:

- must be a source code file with filename `'comp1405_f21_#####_tutorial_03_b.py'`
- must allow the user to select from three professions (each providing a different initial balance)
- must allow the user to select the desired quantity of at least three different supplies
- must print out the amount of money remaining after the desired purchases are made

¹ You must replace the number signs in the filename with your official nine-digit student identification number.

² "The Oregon Trail" can be experienced online at https://archive.org/details/msdos_Oregon_Trail_The_1990