



ECOR1041 –PROGRAMMING EXPECTATIONS FOR ALL TUTORIAL LABS

Preconditions (Applicable to all labs)

A student's work will not be marked (i.e., will earn zero), or a significant penalty will be applied if any of the following are true:

- The requested file is missing or does not have the correct name. Here is the file name for each lab (note: filenames are all lowercase with no spaces):
 - lab 0: **lab0.txt**
 - lab 1 – it is a quiz
 - lab 2: **lab2.txt**
 - lab 3: **lab3.txt**
 - lab 4: **lab4.py**
 - lab 5: **lab5.py**
 - lab 6: **lab6.py**
 - lab 7: **lab7.py**
 - lab 8: **lab8.py**
 - lab 9: **lab9.py**
 - lab 10: **lab10.py**
- The author's name and student number are not identified in the heading of the file.
- The file runs with errors.

Check the course outline for a detailed description of the penalties.

Documentation Expectations (Lab 5 and beyond)

- All functions headers must have type annotations on all arguments and on the return type
- All functions must have a good docstring describing WHAT the function does, not HOW.
 - Good Example: Returns the average of the three integer parameters
 - Poor Example: The function returns the average of three numbers
 - Poorest Example: The function adds the three numbers and returns their average
- All functions must have a thoughtful set of tests in the proper shell format.

Coding Expectations

- Variables and functions use meaningful names in the proper style
- Constants must be used instead of hard-coded values, in the proper style