EECS 1015: LAB #1 - Simple Python Program - Introduction and Hours to Minutes/Seconds Conversion

Assigned: September 15, 2020

Due date: September 29, 2020 (two weeks)

#Important reminder for your first lab

1) You must submit your lab via web-submit.

- 2) Please make sure you correctly submit your file(s).
- 3) Please follow the instructions carefully.

1. GOALS/OUTCOMES FOR LAB

- To get you familiar with code Python
- To get you familiar with your PyCharm IDE
- To write your own Python code
- To get you familiar with submitting your lab results through websubmit

2. LAB 1 - TASK/INSTRUCTIONS

Part 1: Start you code with comments that include this lab ID, your full name, email address, and student id as follows:

Lab 1

Author: Michael S. Brown
Email: msb99898@aol.com
Student ID: 10233030

Part 2: Introduction

Your program will print your name, your student ID, and where you currently live (city and country).

Part 3: Convert hours to minutes and to seconds

In the same program after part 2, you should prompt the user to provide a number of hours.

The user can input the hours as either an integer or float. You should then convert the number of hours into (1) the number of minutes in the hour and (2) the number of seconds in the hour. The conversion should be as floating point.

See an example of the output of your program below – part in red was typed in by the user:

My name is Mostafa Li
My York student id is 10230405
I currently live in Ammand, Jordan
Enter number of hours: 4.6
Converted to minutes
276.0
Converted to seconds
16560.0

3. GRADING SCHEME (Maximum number of points possible 10)

This is an easy lab. I expect everyone to get full marks. However, to get full marks you need to make sure you follow the instructions correctly. The following will be our grading scheme for the Lab components specified in Section 2 of this document.

Part 1: (0 points, but deduction if you skip this part)

- File name **must** be "lab1.py" (all lowercase, no spaces)
- The Python comments at the beginning of your program **must** include your name, email, and York student id (this is important for grading)
- If your file name is incorrect, your or do not put in the required information we will deduct -5 points (Why are we so harsh? Because if you don't put in your name and student id it can be very difficult for the TAs to determine whose submission this is.)

Part 2: (5 points)

• Your program should correctly print your name, student id, and where you currently live.

Part 3: (5 points)

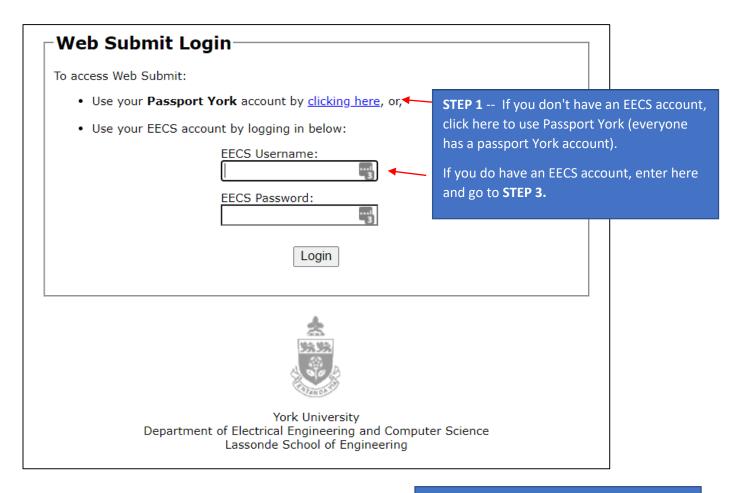
- Your code should run correctly, get input from the user and print out the conversion from hours to minutes and then seconds.
- -No submission 0 points
- -Any submission 1 week after the due date 50% off the total marks
- -Any submission 2 weeks after the due date will not be marked and treated as no submission.

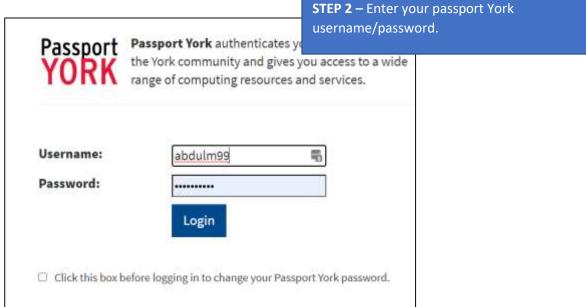
See pages below on how to submit your lab code.

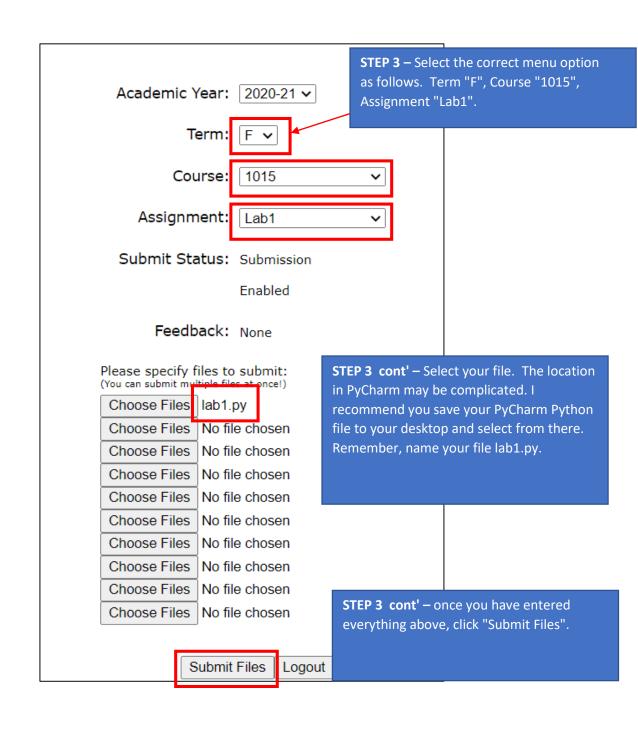
4. SUBMISSIONS (EECS web-submit)

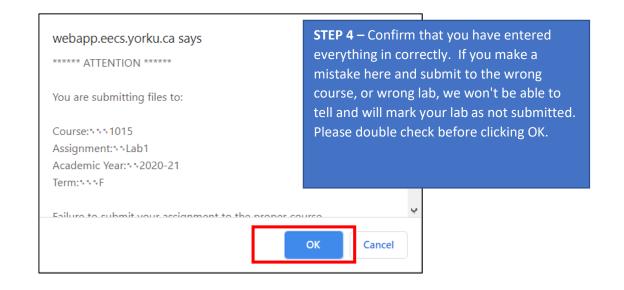
You will submit your lab using the EECS web submit.

Click on the follow URL: https://webapp.eecs.yorku.ca/submit











For more details on websubmit, see EECS department instructions:

https://wiki.eecs.yorku.ca/dept/tdb/services:submit:websubmit