

CMPT120 - Program 1 (**Prog1YourLastName.py**)

Due: Tuesday, Sept. 10, before 1:30 pm. (Submitted via iLearn and printed)

I'll collect the printouts at the beginning of class

The main purpose of this assignment is to introduce you to the Python environment.

We've seen the temperature conversion program from Chapter 2 (convert.py). Your assignment is to make a few modifications to that program.

- 1) Modify the comments in the header so that this program follows our documentation guidelines, which appear as a separate document that you have already received.
- 2) A **user-friendly** program should print an introduction that tells the user what the program does. Modify **convert.py** to print a descriptive introduction for the user.
- 3) Modify **convert.py** with a **loop** so that it executes exactly 5 times before quitting. Each time through the loop, the program should get another temperature from the user and print the converted value.
- 4) (CHALLENGE – Instead of forcing the user to enter five values, ask the user how many values she wants to convert! Make the program loop that many times. Make sure your prompt is descriptive.)

Save your program as **Prog1YourLastName.py**

File to be submitted in iLearn:

Prog1YourLastName.py

All identifiers should be meaningful. Include your design (pseudocode) as comments in your program (just like we did in class when we originally developed convert.py).