# CS 410W Programming Languages Spring, 2021

**Assignment #3**

**Value: 20 points**

Use your CS server account and the vim editor, create Go programs that solve the following two problems:

**(1) The Triathlon Problem:** The number of calories burned per hour by cycling, running, and swimming are 225, 450, and 275, respectively. A person loses 1 pound of weight for each 3,800 calories burned. Write a program to request the number of hours spent at each activity and then display the number of calories burned and the number of pounds worked off.

**(2) The Copy Cost Problem:** Leo's Print Shoppe charges 10 cents per copy for the first 200 copies and 5 cents and per copy for each additional copy. Write a program that asks for the customer's name and how many copies they need. Your program should output the customer's name and the total cost.

**NOTES**:

* All programs **must** have a comment block at the top of the program. Additional comments throughout the program should be included where appropriate.
* Submit both files separately as text files with ".go" extensions to Canvas.