

COMP 101 – PROBLEM SOLVING WITH COMPUTING

LAB #6 (7-1)¹ [24 PTS]

PURPOSE:

To practice writing code using loop structures in Python. Not many useful programs can be written without a good and clear understanding of how to use repetition structures effectively. You should continue to write small practice programs of your own until you are comfortable with both the concepts and syntax. These exercises are intended to get you started.

TASKS:

- (1) Chapter 5: Algo Workbench #1 on p. 188 (wrap this code inside a small program named **product.py**) [5 pts]
- (2) Chapter 5: Program #2 page 189 (name: **calories.py**) [7 pts]
- (3) Chapter 5: Program #4 page 189 (name: **distance.py**) [12 pts]

DELIVERABLES:

Three carefully documented program files, **product.py**, **calories.py** and **distance.py**. Place them into a folder and zip them up before you upload the folder to the dropbox in the appropriate spot. Be sure the required identifying information (name, class, assignment numbers etc) are on all of your documents so that you can receive credit for your work.

¹ The number in () corresponds to the assignment number on the Franklin University web page and should be used when you submit your assignment via dropbox for proper credit.