COMP **101 – P**ROBLEM **S**OLVING WITH **C**OMPUTING
HOMEWORK **#7 (10-2)**[1] [25 P**TS**]

PURPOSE**:**

To review some recent material from class.

The reference for the Image module of the PIL can be found here:

http://www.pythonware.com/library/pil/handbook/image.htm

TASKS**:**

Answer the following questions clearly.

1. Why is it advisable to use "forward slashes", i.e., '/' when specifying file paths as strings in Python in place of the more usual "backward slash" ('\') used on the Windows platform? [4]
2. How do we save an image with the PIL? Provide a complete example statement with explanation showing the use of this function [4 pts]

Chapter 6:
   a. Short Answer question 1, 2, 4 and 5 on page 220 [2 pts each]
   b. Algorithm Workbench problem # 2 [5 pts]

Chapter 7:
   a. True/False question 1 – 4 on page 270 [1 pt each]

No need to copy back any of the questions, just present your answers in an orderly manner.

DELIVERABLES**:**

A single Word document that contains answers to the above questions.

It is highly recommended that you test out any code in IDLE before you cut-and-paste *only* the relevant parts for the given question into your Word document.

You must use either **single line-spaced `Courier`** or **`Consolas`** non-proportional font for all of your code listings if they are part of MS Word, otherwise your indentation etc won't show up correctly and you will lose points for syntactically incorrect Python. Using the default Times Roman font will *not* work for code listings.

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[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.