CPS 109 Assignment #1
Winter 2023

Learning objectives:
Practice writing Python functions that defeat not just the eyes of the marking TAs, but the scrutiny of an automated tester. Your functions must be logically bulletproof!

Introduction:
For this assignment, you will complete 5 problems. They are all worth the same number of points. One problem (titled q1.py) is extra and is included to show you an example of what is expected. Practice with it and verify your answer using q1_sol.py. Given that the solution is provided, q1.py is not worth any points.

Important:
Write your code inside the function only. You are expected to replace the keyword 'pass', with the definitions and commands you deem appropriate. Make sure to use the keyword 'return' to ensure that the function returns the correct answer.

Very important: submit your python script without modifying its name. For example, if it's titled q2.py, the file you upload should be named q2.py as well. Failure to do so will result in your python script not being graded.

Plagiarism detection:
You are to work alone when writing your code. You cannot copy code or develop code with anyone nor take code from the web. The Measure of Software Similarity (MOSS) will be used to identify cases of possible plagiarism; see the following link for details: http://theory.stanford.edu/~aiken/moss. Note, MOSS can detect changing identifiers and rearranging code. The Department of Computer Science takes the act of plagiarism very seriously. Those caught plagiarizing (both originators and copiers) will be sanctioned. Please see Ryerson University's Policy 60 for possible penalties and consequences: http://ryerson.ca/senate/policies/pol60_procedures.pdf. If you are unsure what constitutes plagiarism, please see your instructor.