CMPS 150
Spring 2017
Programming Assignment #2

Date Assigned: Wednesday, February 1, 2017
Due Date: 11:55 PM, Tuesday, February 7, 2017

Objectives:
- using input/processing/output method, string manipulation, formatted output

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1) Include the following information as comments at the beginning of your source code. Name it **`pa2.py`**
   BE SURE it *<u>lines up</u>* nicely as you see it below.

```
# Author:          Type-Your-Name
# CLID:            Type-Your-CLID
# Course/Section:  CMPS 150 – Lecture Section # ___
# Assignment:      pa2
# Date Assigned:   Wednesday, February 1, 2017
# Date/Time Due:   Tuesday, February 7, 2017 –- 11:55 pm
#
# Description:     This program uses string and numeric input.
#                  It also processes using arithmetic operators and formatted output.
#
# Certification of Authenticity:
# I certify that this assignment is entirely my own work.
```

2) Program Description

Write a program to print a **simple** buy/sell stock report. The inputs you must get for your program are:
- number of shares bought
- cost of each share bought
- number of shares sold
- cost of each share sold

Your report must contain:
- total amount paid for stock purchase (number of shares bought * cost per share at time of purchase)
- total amount received from sale of stock (number of shares sold * cost per share at time of sale)
- net Gain (you figure this out)

Input by the user
is indicated by text that is
bold, underlined & italicized.
NOTE: It will not be bold,
underlined, and italicized
when you run your program.

3) Sample Run

```
Enter number of stocks purchased: 1000
Enter cost of stocks purchased: 4.50
Enter number of stocks sold: 500
Enter cost of stocks sold: 5.00
---------------------------------------------------
Shares      Price      Total
---------------------------------------------------
  1000       4.50      4500.00
   500       5.00      2500.00

For the 500 shares you sold, your net gain is 0.50 per share for a total of $ 250.00
```

4) *__Upload to Moodle__*

Get in a browser and login to Moodle.

Instead of going to the Lecture Section, go to your UPLOAD section on the Moodle site.

Click on the link for Programming Assignment #2.

Select to "Add a Submission" then "Upload a File"
Select to "Choose a File" and go about the process of browsing/finding "`pa2.py`" on the computer.
Select to "Upload this File"

When returned to the Upload screen, MAKE SURE to click on the "Save Changes" button.

You will be returned to the "Programming Assignment #2" screen.
This time you should see your source code file listed on it.

5) *__Logout of Moodle__*

You can turn in programs
up to 24 hours late for a maximum of 75% credit
or up to 48 hours late for a maximum of 50% credit