CMPS 150
Spring 2017
Programming Assignment #1

Date Assigned: Tuesday, January 24, 2017
Due Date: 11:55 PM, Friday, January 27, 2017

Objectives:
- using a Python IDLE environment, input/processing/output method

1) Include the following information as comments at the beginning of your source code. Name it **pa1.py**
BE SURE it **_lines up_** nicely as you see it below.

```
# Author:          Type-Your-Name
# CLID:            Type-Your-CLID
# Course/Section:  CMPS 150 - Lecture Section # ___
# Assignment:      pa1
# Date Assigned:   Tuesday, January 24, 2017
# Date/Time Due:   Friday, January 27, 2017 -- 11:55 pm
#
# Description:     This program uses string and numeric input.
#                  It also processes using arithmetic operators.
#
# Certification of Authenticity:
# I certify that this assignment is entirely my own work.


# ask the user for their name using an input statement

# ask the user for two(2) numbers using eval input


# multiply the hours and hourly rate to get gross pay
# multiply the gross pay times 15 percent to get federal tax deduction
# multiply the gross pay times 4 percent to get state tax deduction
# subtract federal tax deduction and state tax deduction from gross pay to get net pay

# print output similar to sample run
```

> 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.

2) Sample Run

```
Enter your name: George
How many hours did you work? 20
What is your hourly rate? 15.50

Payroll Report for George
--------------------------------
Gross Pay:   310.0
Federal Tax: 46.5
State Tax:   12.4
Net Pay:     251.1
```

3) _**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 #1.

Select to "Add a Submission" then "Upload a File"
Select to "Choose a File" and go about the process of browsing/finding "`pa1.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 #1" screen.
This time you should see your source code file listed on it.

4. _**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**