

CMPS 150

Spring 2017

Programming Assignment #3

Date Assigned: Friday, February 10, 2017

Due Date: 11:55 PM, Friday, February 17, 2017

Objectives:

- input/output statements, arithmetic expressions, formatted output, selection statements

1) Include the following information as comments at the beginning of your source code. Name it **pa3.py**
BE SURE it lines up nicely as you see it below.

```
# Author:          Type-Your-Name
# CLID:           Type-Your-CLID
# Course/Section: CMPS 150 - Section X
# Assignment:     pa3
# Date Assigned:  Friday, February 10, 2017
# Date/Time Due:  Friday, February 17, 2017 -- 11:55 pm
#
# Description: Write a brief description here.
#
# Certification of Authenticity:
# I certify that this assignment is entirely my own work.
```

2) Program Description

Write a program for computing the cost of shipping a package. There are two(2) pieces of information you must collect from the user to determine the cost of shipping a package. They are:

- Type of package ('P' perishable, 'N' non-perishable)
- Weight of package

Ask the user for the type of each package to ship (P or N) and the weight of the package.

Respond with a "neat & tidy" table of the charges. Below are the rates for each type of package. Tax is 8.5%.

Perishable

\$5.95 plus shipping

0 – 2 pounds	\$2.95
> 2, but <= 5 pounds	\$5.95
> 5, but <= 8 pounds	\$9.95
> 8 pounds	\$19.95

Non-Perishable

\$1.95 plus shipping

0 – 2 pounds	\$1.95
> 2, but <= 5 pounds	\$3.95
> 5, but <= 8 pounds	\$7.95
> 8 pounds	\$9.95

3) Sample Run

Enter package type (N=non-perishable, P=perishable): **P**

Enter package weight: **5**

Item Cost	5.95	(perishable)
Tax (8.5%)	0.51	
Total Cost	6.46	

Package Weight:	5 pounds	
Shipping Cost	5.95	

Total (incl. shipping)	12.41	

Input by the user
is indicated by text
that is bold, underlined
and italicized.

4) Upload to Moodle

Get in a browser and login to Moodle.

Instead of going to the Lecture Section, go to YOUR specific submission section on the Moodle site.

Click on the link for Programming Assignment #3.

Select to “Upload a File”

Select to “Choose a File” and go about the process of browsing/finding “**pa3.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 #3” 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***