CMPS 150
Spring 2017
Programming Assignment #9

Date Assigned: Wednesday, April 26, 2017
Due Date: 11:55 PM, Friday, April 28, 2017

Objectives:
- Lists

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1) Include the following information as comments at the beginning of your source code.
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:      pa9
# Date Assigned:   Wednesday, April 26, 2017
# Date/Time Due:   Friday, April 28, 2017 -- 11:55 pm
#
# Description:     Create a list of valid accts from one file & verify from a second.
#
# Certification of Authenticity:
# I certify that this assignment is entirely my own work.
```

2) Program Description

Copy/download the "**pa9.py**" file and the "**validAccts.py**" file from the class Moodle site. Run "**pa9.py**" to see the list that the code creates.

Add your name/clid/section info from step 1 above.

Notice that the name of the list created is **validAccts**. Add code to open a file of the user's choice (the same way you did in pa8, part 2), and read through this file until you reach an account number of '**X**' (so, yes, that means a sentinel controlled loop). As you read each account number, determine if it is a valid account number by searching through the **validAccts** list and see if you find a match. Print a table of findings (see sample run). For a sample input file, there is a file named "**tryThese.py**" on the class Moodle site.

3) Sample Run

```
['148562', '653161', '013363', '711074', '076527', '338145', '537781', '852551',
'070584', '007295', '128916', '080739', '447396', '316070', '787466', '681508',
'651983', '947808', '485942', '998460']

Enter name of input file: tryThese.py

Account    Verification
---------------------
711073     Invalid
148562     Valid
123456     Invalid
013363     Valid
711074     Valid
871237     Invalid
538871     Invalid
537781     Valid
852551     Valid
316070     Valid
787466     Valid
681508     Valid
641983     Invalid
```

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 #9.

Select to "Add a Submission" then "Upload a File"
Select to "Choose a File" and go about the process of browsing/finding "`pa9.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 #89screen.
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*