

CSCI/CMPE 4341 Topics: Programming in Python

Assignment #3

Instructor: Dr. Xiang Lian
Due Date: See the course Web page

Write a Python program to find number of thousands, hundreds, tens and ones in a given integer. Please display the program results on the command-line window, and save the results to a file (You need to search the specifications on how to write strings to the file from the Web). The contents of the file are the same as that in the command-line window shown below.

Please submit:

1. Source code, and
2. The screen captures (program runs, directory listing showing file created, and a print out of the file that was created as shown in the Appendix)

Please submit all files in a compressed *.zip file.

- Your program should begin with a comment section that would include the following:

PROGRAMMERS NAME: _____

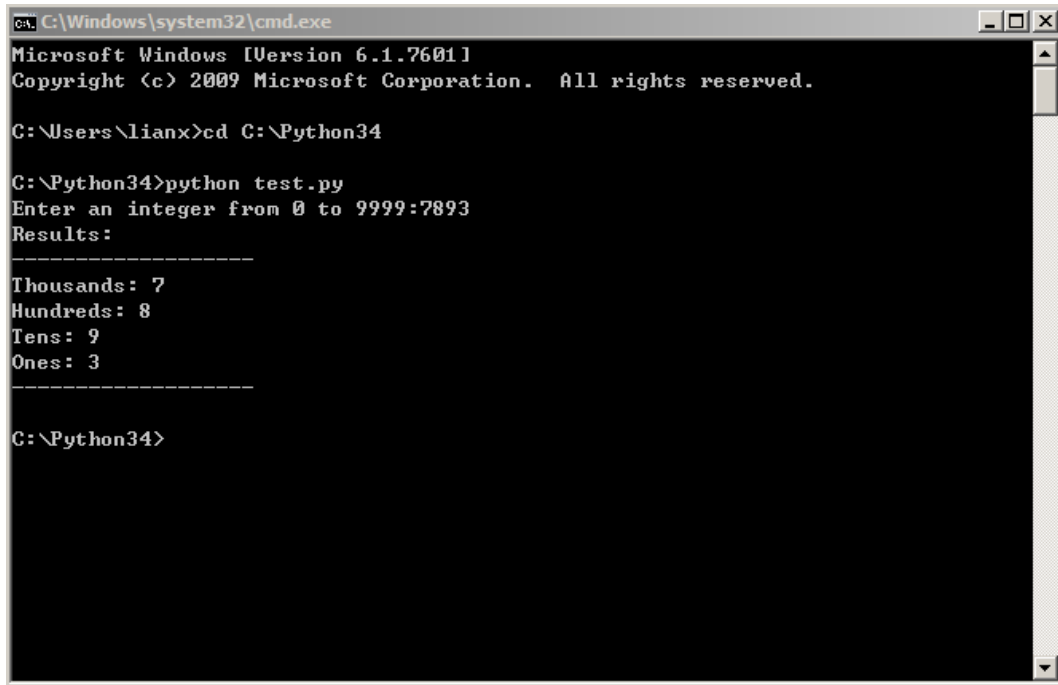
STUDENT ID: _____

CLASS: _____ ASSIGNMENT #: _____

DATE DUE: _____ DATE TURNED IN: _____

- Upload the *.zip file you created to the Blackboard. The subject of the submission must include the following information:
[CSCI 4341] [Assignment #] [Your Name Here] [Your Student ID Here]

Appendix: Examples of Screen Captures

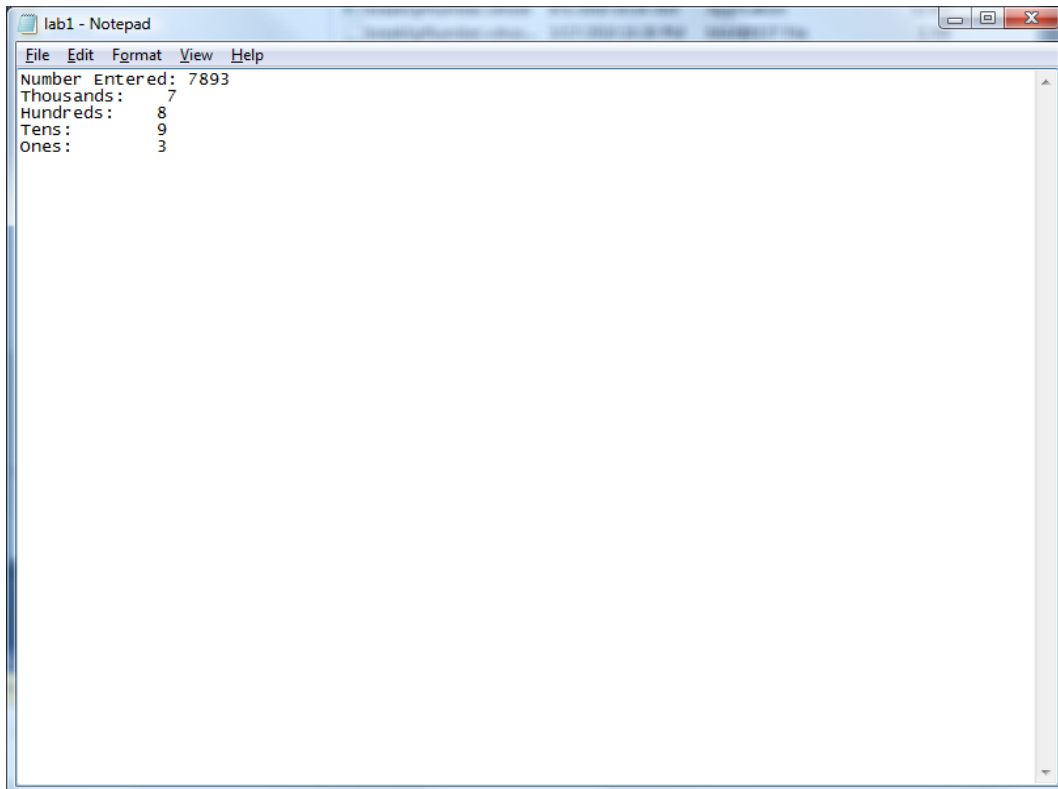


```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\lianx>cd C:\Python34

C:\Python34>python test.py
Enter an integer from 0 to 9999:7893
Results:
-----
Thousands: 7
Hundreds: 8
Tens: 9
Ones: 3
-----

C:\Python34>
```



```
lab1 - Notepad
File Edit Format View Help
Number Entered: 7893
Thousands: 7
Hundreds: 8
Tens: 9
Ones: 3
```