CS 1301
Individual Homework 0 – Introduction/Python Setup
Due: Wednesday, August 31st, before 11:55 PM
50 Points

Deliverables:

1. Firstname_Lastname.jpg
2. Firstname_Lastname.pdf

For Help:
- TA Helpdesk – Hours posted on T-Square
- Email TA's or Piazza

Guidelines:

- All submissions must have a collaboration statement (the .jpg is exempt from this) or it will receive a 0. **NOTE THAT EVERY HOMEWORK MUST HAVE THIS COMMENT OR IT WILL NOT RECEIVE CREDIT.**
    - Example collaboration statement:
    - "I worked on the homework assignment alone, using only this semester's course materials."
- You are expressly forbidden to supply a copy of your homework to another student via electronic means. This includes simply emailing it to them so they can look at it. If you supply an electronic copy of your homework to another student and they are charged with copying, you will also be charged. This includes storing your code on any site which would allow other parties to obtain your code such as but not limited to public repositories (Github), pastebin, etc.

Part 1 – Mugshot

Find a picture of yourself. Crop the picture to include just your face. (Your face must be at least 1/3 of the image.) Resize the picture to be exactly 300 pixels by 300 pixels in size. Save the picture as a JPG, using your first and last name as the file name, (e.g. Jay_Summet.jpg). Submit this picture to T-Square.

You may use an image editing tool you are familiar with to manipulate your mugshot picture. If you do not have a preference, we recommend using the GNU Image Manipulation Program (GIMP):
http://www.gimp.org/downloads/

Part 2 – Introduce Yourself

Write a one paragraph introduction telling your Teaching Assistant (TA) a little about yourself. Include the following information:
1. Your name, class standing (fr,so,jr,sr,grad), and intended major.
2. Where you grew up and went to school.
3. What you do for fun.
4. Anything else you'd like to say...
5. In addition, below your introductory paragraph, include the result of running the "mystery code" (part 3 of this assignment).

BE SURE TO INCLUDE THE REQUIRED HEADERS as outlined on this document.

Submit this document to t-square **AS A PDF**, using the file naming format of Firstname_Lastname.pdf. If you are using Linux or Mac operating systems, printing/exporting or saving to PDF should be already built in. With Windows, some versions of Microsoft Office will export to PDF directly, or you can download LibreOffice for free.

Part 3 – Mystery Code

You will need to install the course software (IDLE) to run the following code. Please budget enough time to install the software, have problems, go to the TA for help, have more problems, and go to the TA for help again before the turn-in deadline!

Download the mysteryCode.py file. Run it using IDLE. Answer the questions it asks. Copy all of the output of the program, including your name and the secret code it prints out at the end to the bottom of your Introduction document (part 2).

Grading Rubric:

Mugshot **20 Pts**
- Filename **5 Pts**
- Correct File Size **10 Pts**
- Picture Quality **5 Pts**

Introduction **15 Pts**
- Required three elements **5 Pts each**

Mystery Code **15 Pts**
- Correctly Running Code w/interactions 1**5 Pts**