ITSE 1359 – Program11

General Points

- Program 11 can be completed using content from the following chapters:
    - [Python @ ACC](#) - Welcome! *through* File I/O & Modules
    - [Textbook](#) - Chapters 6 – 11 with emphasis on 9, 10, and 11
- Create a file named program11.py.
- Do not repeat identical examples from the course material.

Requirements (these are the requirements to identify by *number*):

All of the operations below (e.g. file, directory, clipboard) are to be performed *programmatically*.

1. Output a header in the console: "This is Program11 - <yournamehere>"
2. Print "This program demonstrates reading, writing, and organizing files."
3. Output the current working directory of the program.
4. Ask the user to enter the directory where they would like files to be stored, create that directory, and store files used below in that directory.
5. Write the following three lines to file_one.txt (without bullet points):
    - Line 1 from file_one wrong_text
    - Line 2 from file_ one wrong_text
    - Line 3 from file_ one wrong_text
6. Read and display the contents of file_one.txt.
7. Replace the substring 'file_one wrong_text' in data read from file_one.txt with 'file_two correct_text' and write the corrected lines to file_two.txt.

8. Ask the user to type the following lines (without bullet points) into a text editor and copy the lines to the clipboard (using Ctrl-c):

- Line 1 from the clipboard
- Line 2 from the clipboard
- Line 3 from the clipboard

9. Display the contents of the clipboard which should contain the three lines from Requirement 8.

10. Read the contents of file_two.txt and read the contents of the clipboard.

11. Append the contents of the clipboard onto the contents of file_two.txt line-by-line to produce the following:

- Line 1 from file_two correct_text followed by Line 1 from the clipboard
- Line 2 from file_two correct_text followed by Line 2 from the clipboard
- Line 3 from file_two correct_text followed by Line 2 from the clipboard

12. While performing Requirement 11, write the lines out to file_three.txt.

13. Display the contents of the file_three.txt.

14. Ask the user for a new directory name. Create that directory and programmatically copy the files created earlier in the program to the new directory. Programmatically compress the files in the new directory.

15. Print a statement explaining your experiences with Program11. Make this authentic (minimum of 2-3 sentences).

TEST – TEST – TEST your application to ensure the requirements are met.

- Use the list above and the common requirements as a checklist.
- Not meeting all requirements = 0 points for the assignment.