

Assignment 08

Built-In Functions (File I/O)

A 08 is designed to demonstrate your understanding of built-in functions using Python file I/O.

For this assignment we are going to simply read in lines of an input file and then write the same lines out to an output file. As usual with my assignments, this one is short on code (*I implemented the entire application with 7 lines of code*).

The input file is called: *A06input.txt*.

The output file is called: *A06output.txt*.

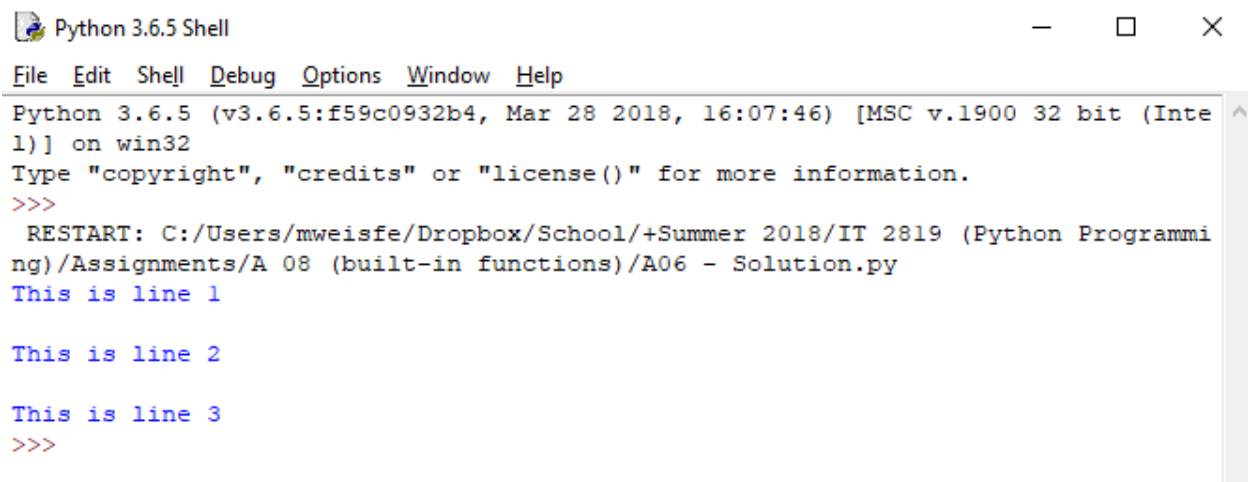
The input file (*A06input.txt*) looks like this:

```
This is line 1
This is line 2
This is line 3
```

All you need to do is

1. open the files
2. read each line from the input file
3. print each line to the command prompt
4. and then write the line to the output file

The command prompt will look like this:

A screenshot of a Python 3.6.5 Shell window. The window title is "Python 3.6.5 Shell". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main text area shows the following output:

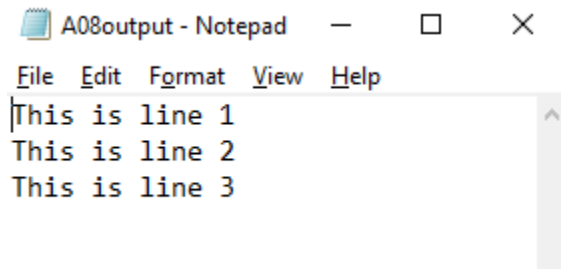
```
Python 3.6.5 (v3.6.5:f59c0932b4, Mar 28 2018, 16:07:46) [MSC v.1900 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:/Users/mweisfe/Dropbox/School/+Summer 2018/IT 2819 (Python Programming)/Assignments/A 08 (built-in functions)/A06 - Solution.py
This is line 1

This is line 2

This is line 3

>>>
```

The output file (*A06input.txt*) looks like this:



The only constraint, and it is important, is that both files must be in the same directory. In fact - **keep them in the same directory as your Python file.**

Hint

As usual, turning to Google is a good idea. You can really get everything you need by a simple search (*also as usual, the primary skill I am trying to teach*)

What to Submit

Submit the text file '*A08-yourlastname.py*' via the Blackboard assignment portal.

I will copy it, paste it into my IDE and then test it.