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Foundations of Programming: Python

Assignment 06

The To-Do List, with Classes and Functions

# Introduction

This week we expanded on the concept of Separation of Concerns with the introduction of classes and functions. We also increased use of GitHub and introduced GitHub Pages.

# Re-building a To Do List based on a someone else's code

First, I added and reworked code that I already had, and tested each segment. Figure 1 shows my first step where I confirmed that I was getting data from the file (without even cleaning up the key names).

A screenshot of a cell phone

Description automatically generated

Figure Loading the data file with a test statement & confirmation that it worked

A screenshot of a cell phone

Description automatically generated

Figure 2 Printing out the data we loaded into memory

A screenshot of a cell phone

Description automatically generated

Figure 3 Add new tasks, ugly confirmation

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Description automatically generated

Figure 4 Remove tasks, but endlessly

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Figure 5 Save to file

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Figure 6 Exit confirmation

A screenshot of a cell phone

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Figure 7 Improved presentation of data

A screenshot of a cell phone

Description automatically generated

Figure 8 Improved presentation of data

A close up of text on a black background

Description automatically generated

Figure 9 A way out of removing tasks

A close up of text on a black background

Description automatically generated

Figure 10 Improved feedback and an error message

A close up of text on a black background

Description automatically generated

Figure 11 The hazards of working from someone else's file

Figure 12 CRLF

Figure 12 LF makes it better

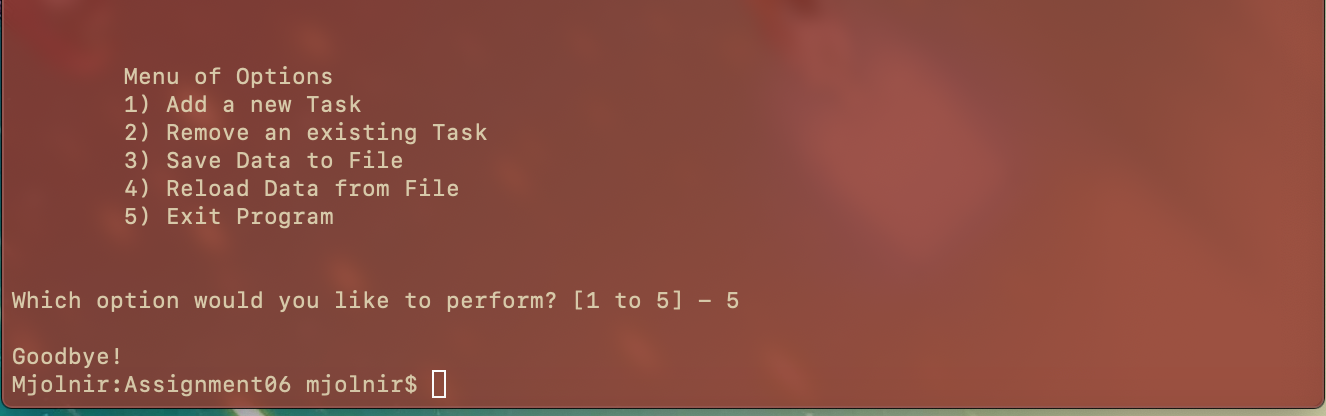


Figure 13 Options 1 - 5 and an error message

# Conclusion

GitHub: <https://github.com/greeneyedsoandso/IntroToProg-Python/blob/master/Assignment05.py>

GitHub Page: <https://greeneyedsoandso.github.io/IntroToProg-Python-Mod06/>