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Assignment 8 – Creating Applications

Introduction

This assignment was similar to those we have seen in previous weeks in that we generated a menu of options that allows the user to interact with. In weeks previous we have been building off knowledge and building on one, monolithic code, whereas for this assignment we created seven total scripts that interacted with one another. Three of the scripts were used for testing, where we could tell python would determine if the user input provided aligned with the expected values.

Script Overview and Output

I've saved the scripts for this assignment in the github link below. This assignment was challenging, and I encountered one issue where an error message was received for including a circular reference. I believe this may come from the importing tool, where the presentation and processing classes are dependent on the main script, but the main script is also waiting for these to run individually. I tried troubleshooting the code but have since run out of time. I believe it is very close to running properly though.
https://github.com/emike9852/assignment08.git

Summary

I really enjoyed this course and it has definitely provided me a solid foundation in which I believe my python skills can develop on. I used python and matlab in my graduate studies at UW, I was starting to become more fluent in the language however after graduating I found myself working in an occupation that primary uses excel. I took this course to polish up and develop new coding skills. Since enrolling I have started to incorporate python into my work routine, and have started automating spreadsheets using Pandas which has saved a lot of time. The logical statements we covered in class was extremely useful as if statements are one of the most common functions I see used in excel at work. Thank you both for the great lectures and excellent feedback on the assignments!!!