

CW2 Kyle Spicer
Module F
Python 1 Practical: calculations.py Write Up
Due date: 10 June 2022

Project Summary:

This project was to receive a Python program name calculations.py that was riddled with errors and for the student to work through to make it functional. Some errors included: syntax, formatting, logic, etc. Once the student went through and corrected the errors, the program could receive a word or number and run accordingly.

Challenges:

1. It was difficult for me to understand what the initial code was trying to accomplish. There were so many errors with the syntax and logic, that the code was not able to run until this issue was fixed.
2. Being new to programming, I spent a lot of time trying to understand new concepts. I didn't fully the try/except feature of the function `def main()`. However, after researching and speaking with our instructor, I fully understand what the purpose it.

Successes:

1. Although this project was small, I learned a lot about formatting syntax and PEP8 style guidelines. This was my first programming project and going line by line making sure everything was proper and looked good was something I was proud I accomplished.
2. As I made corrections, I continuously tested my code to ensure the changes I made were accurately depicted. It was great confirmation that I was able to manipulate the project to print my results.
3. GitLab went surprisingly well. When it came time to commit projects and verify I was properly using GitLab to submit my work, I didn't have any issues connecting and pushing my work. GitLab was still a bit intimidating, but I feel that I have a good grasp on the concept and how to properly use it to submit projects.

Lessons Learned:

1. Take time in the beginning of problem solving to understand what the code is designed to do.
2. The programmer is able to modify the code in almost anyway to print the correct result. At first, I was hesitant to erase/manipulate the code given.
3. Ask questions often. The instructors are extremely knowledgeable and can explain everything really well.