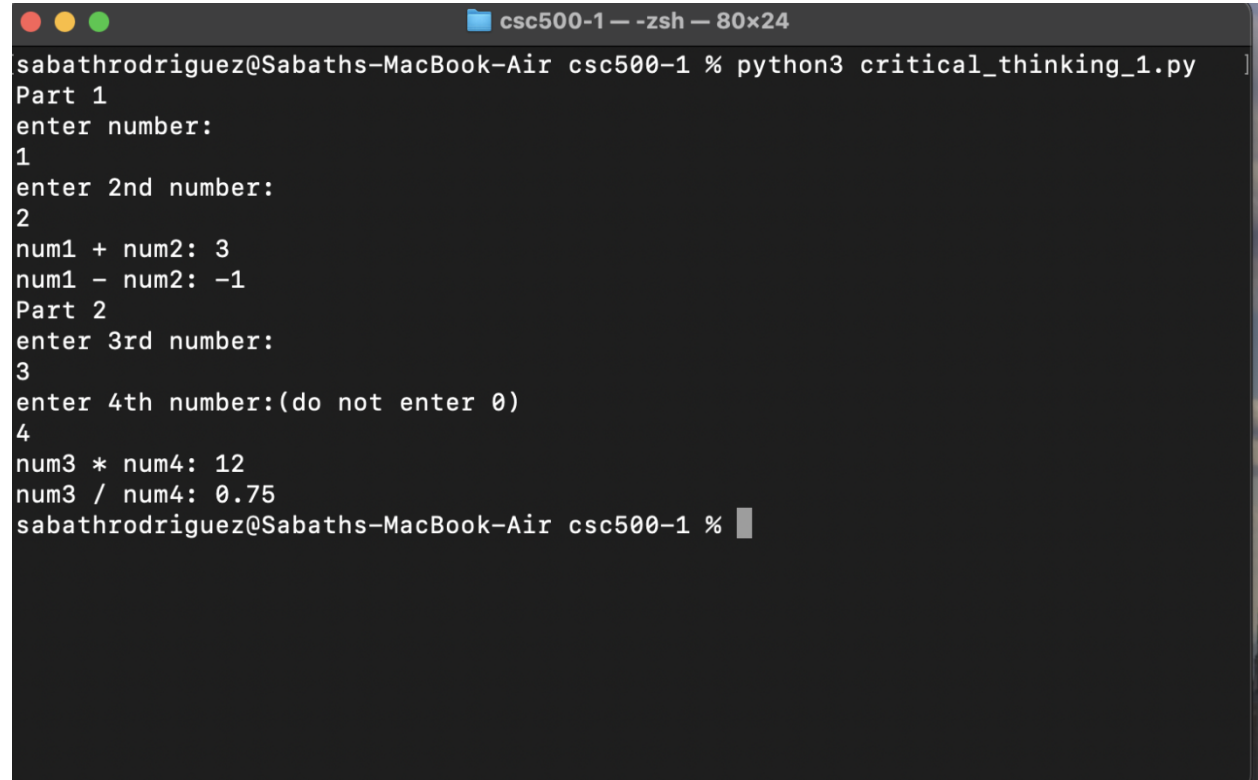


I learned quite a bit during this first critical thinking assignment, the most important in my opinion was learning to have a good base of fundamentals. I really enjoyed going back and re-learning some of the programming basics because if I'm being honest, I forgot a lot of them, I think most people do. I realized just how important learning the fundamentals is, and not only that but how important it is to keep practicing them. A specific example would be writing small chunks of code and then executing them (Lysecky & Vahid, 2019, section 1.6). It sounds so small and simple, but it's a very good practice that we should all continue to practice well into our career. I completed the assignment by asking the user for numbers and then casting them to ints, in order to be able to perform arithmetic on them. I then printed the results.

Git:

https://github.com/Sabathrodriguez/grad_school/tree/main/csc500-1

Output Screenshot:

```
csc500-1 - zsh - 80x24
sabathrodriguez@Sabaths-MacBook-Air csc500-1 % python3 critical_thinking_1.py
Part 1
enter number:
1
enter 2nd number:
2
num1 + num2: 3
num1 - num2: -1
Part 2
enter 3rd number:
3
enter 4th number:(do not enter 0)
4
num3 * num4: 12
num3 / num4: 0.75
sabathrodriguez@Sabaths-MacBook-Air csc500-1 %
```

References



1. Lysecky, R., & Vahid, F. (n.d.). 1.6 Errors. In *CSC500: Principles of Programming*. essay, ZyBooks.