

Exercise 1.1: Getting Started with Python

Reflection Questions

1. In your own words, what is the difference between frontend and backend web development? If you were hired to work on backend programming for a web application, what kinds of operations would you be working on?

Both frontend and backend web development requires a lot of overlapping skills, like patience and problem solving. However, front end development has more of a visual/design component to it. Backend web development might involve reading/writing info to a database, or other asynchronous operations. It could also involve web server operations, if the project isn't using a framework that handles that for you.

2. Imagine you're working as a full-stack developer in the near future. Your team is asking for your advice on whether to use JavaScript or Python for a project, and you think Python would be the better choice. How would you explain the similarities and differences between the two languages to your team? Drawing from what you learned in this Exercise, what reasons would you give to convince your team that Python is the better option?
(Hint: refer to the Exercise section "The Benefits of Developing with Python")

Python and Javascript are both object oriented, dynamically typed languages. They both are widely used and therefore have many libraries and frameworks for developers to rely on. Python is easier to read and write, so it can cut down on the time from idea to production.

3. Now that you've had an introduction to Python, write down 3 goals you have for yourself and your learning during this Achievement. You can reflect on the following questions if it helps you. What do you want to learn about Python? What do you want to get out of this Achievement? Where or what do you see yourself working on after you complete this Achievement?
 - a. I want to learn how to write common functions in Python
 - b. To be able to write async operations (interact with the Schwab trading API)
 - c. To commit to the popular Schwab API wrappers.

