

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?
 - In my opinion, the front-end focuses mainly on the client side of the application, whereas the back-end's main focus is the server side of the application. If I were to get hired as a back-end developer, I think I'd be working on APIs and databases.
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")

- Both are high-level scripting languages that use dynamic typing. But with python there's inline testing integrated.
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?
 - I aim to learn the fundamentals of Python, including syntax, data structures, control flow, and error handling, to build a strong foundation.
 - My primary goal is to become proficient enough in Python to incorporate it into my projects as a backend language, enhancing the capabilities of the applications I develop.
 - Upon completing this course, I envision myself using Python to build more efficient and powerful backend solutions for web applications. I see potential to expand my career into areas that involve more complex data processing and machine learning, areas where Python excels.