

Task 1.1 Learning Journal

- 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?*

Front end development entails working with what the client/user sees and interacts with, visuals, inputs and UI components, where as backend development has to do with what serves the front-end, what the user doesn't see or interact with directly, database logic, apis, routing and endpoints which all work together to serve the user/client experience.

- 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")*

I would say that Python is similar to Javascript in that they both use dynamic typing, rather than static typing, they both sometimes use similar syntax, that is written in easy to understand words and structure. Python is overall easier to read and follow, easier to learn as far as syntax goes, which makes for less bug prone code.

- 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 would like to become comfortable with python and also fluent enough with it to be able to utilize it in web and app development. I'm hoping that through this achievement I will get a good understanding and enough practice in python to achieve that goal. After this course/achievement I would like to try to implement python in other projects as practice and also try using pyGame to make a simple game and get practice with object oriented programming in python.