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## GETTING STARTED WITH PYTHON

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- 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?**

Frontend web development mainly uses markup languages to create the user interface of a website and add programs for the page to interact with the user for dynamic websites. Backend on the other hand, deals with form validation, api's, databases and alike that deals with creating and delivering dynamic content to users from the server.

If I were to be hired as backend programmer I would create and/or maintain api's, dynamic databases and server-side functions.

- 1. 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 is easier and versatile to work with as it comes with installed open source packages that save time, uses understandable key words, allows dynamic typing, easier to debug due to its comfortable readability and its strong community support.

- 1. 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 want to learn basic syntax of all necessary packages python backend developers use.
  - I want to have enough python knowledge to get comfortable with senior python developers.
  - In the future I want to be able to use python together with other programming languages to create interactive web apps.