Learning Journal

Exercise 1.1:

1) Frontend development is the design and implementation of the parts of an application, program etc. that an end user would interact with. Simply put its all of the things that a user will see and use, be it graphics, text, pictures etc., backend however is the unseen by an end user structure of any running program. Normally this will consist of things like server management endpoint usage and routing among other things. I like to think of backend as all of the code that runs when a user presses a button, and the frontend is the code for the button itself (although it can apply to much more than buttons).

2) For me the difference between python and javascript has always lied primarily in the usability / readability of everything. Python in a lot of ways has always felt like the way I would explain how a coding language works ie: c++ or javascript. I think this mainly comes from the simplicity of the syntax as it feels much more similar to an actual spoken language than most other programming languages ever will. If I were to convince a team to use python, my best argument would be based on that same feeling as I feel it allows you to make code much more easier to understand, and you might think as programmers they should understand regardless, but as someone who has seen blocks of code span multiple monitors it all starts to jumble very fast. Specifically the variable access and management allows you to quickly alter and reassign values of the same name in a way java simply does not.

3) Goal 1 for me would be to become MUCH more comfortable with CLI. I have a large amount of experience coding in a "standard" environment, managed by editors and other applications, but I have always felt CLI practices never came natural to me. Goal 2 would be to change my point of view on python as personally I have always felt python was a bit almost discombobulated for me. I never truly felt at home coding in it, and at multiple points throughout college I felt it was different for the sake of being different with no actual improvement in mind. Obviously I know there are benefits to python, I just haven't quite yet found what those are for me. Goal 3 would be to familiarize myself with python libraries. When I selected this class as a specialization I did some research into python and found that there are vast amount of libraries used that make python much more applicable to a career.