Intro to Backend PA1

Due Sunday 3/3, 11:59pm

Intro

This will be a ramp-up assignment, and we'll be following this assignment format throughout the semester!

Post on Piazza with any questions/issues you run into, it's the best way to get help from the course staff / get help from your peers! If you still have issues, feel free to come to office hours!

Docker Installation (Linux & OS X)

As mentioned in class, we'll be using Docker as a platform-agnostic way of ensuring that all development is done on the same operating system, letting us (the course staff) take care of installation issues, and avoid OS-specific installation issues.

You can install Docker from here: https://docs.docker.com/install/

Next, complete **part 1** of Getting Started: https://docs.docker.com/get-started/

Docker Installation (Windows)

Due to incompatibilities with various versions of Windows and the Docker ecosystem, we recommend installing VirtualBox and running an Ubuntu virtual machine instead. To do this, follow these instructions (https://www.cs.unm.edu/~bradykey/ubuntuVMInstallGuide.html) to set up the virtual machine, and then use the instructions above to install Docker for Linux.

VSCode Installation

We recommend that you use VSCode for the purposes of this class — you can use something else if you want, but in previous semesters a few students ran into specific errors that were difficult to debug.

Since development will be done in python throughout this semester, we recommend installing the **Python** extension offered by Microsoft. It'll handle autocompletion, linting, and come with many other useful features!

What to Submit

A README.txt on CMS with any issues/comments you ran into, along with your name and netID. We'll be doing this for every assignment in the future as well.

```
Name: Megan Le
NetID: ml944
Issues & Comments: None
```

Additional Resources

Want to learn more about Docker? Check out https://www.docker.com/why-docker. Docker is extremely well-documented, and there are many community resources available for it.