Learning Log - 2AA4

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The way this document is structured is that each subsection refers to a given week within the associated dates. At the start of each subsection will be an overview of what I learned that week through lecture. The associated subsubsections will talk more in depth about specific work on assignments or studying for midterm/exam I did on a certain day.

0.1 Week 1, Jan 7 - 13

This week

0.1.1 Friday, January 11

- Attended tutorial and learned basic git commands and how to use doxygen

- Downloaded git

0.1.2 Sunday, January 13

- Looked through the repo and the resources contained within

- Started a 40 min python video where it goes through the entire language

- Read through Assignment 1

0.2 Week 2, Jan 14 - 20

0.2.1 Monday, January 14

- Started to go over doxygen and tried to generate a pdf of the Box3D example

- Installed doxygen

0.2.2 Tuesday, January 15

- Continued going through the doxygen tutorial

- Ran into and issue where pulling from the remote repo ended up with a blank Box3D python file on my local machine

- Restarted my command line and it started to work again

- Tried to generate the PDF, but the makefile did not work, realized it was because I did not have the correct version of doxygen installed so I installed the correct version

- Coded the first 3 functions of Step 1 of the assignment

- Took a while to get back into the habbit of coding in python but the first three functions of step 1, are tested and commented

0.2.3 Wednesday, January 16

- Continued working on assignment 1

- Finished the first three functions of step 2 and halfway done the last function of step 2

- Just need to allocate the rest of people who do not have free choice

- Grew in my understanding of python, especially about dictionaries and lists

- Ran into problems with trying to fiture out how to do certain things, but after doing some searching and trying/testing I figured it out

0.2.4 Friday, January 18

- Finished the read allocation data in the morning and did some testing

- Finished programing the allocate function

- Test cases pass and functions are good

- Added doxygen commenting to functions

- Ran into an issue right before I was going to submit where make test did not work

0.3 Week 3, Jan 21 - 27

0.3.1 Thursday, January 24

- Fixed the problem of make test not working by putting the folder with all my test files in the A1 directory

- Started writing my report

0.3.2 Friday, January 25

- Finished writing the reflection on my report

Friday, January 25, 2019 - Finished writing the reflection on my report - Really enjoyed writing the report and being able to reflect on what I worked on and how it could have been improved

0.4 Week 4, Jan 28 - Feb 3

0.5 Week 5, Feb 4 - 10

0.5.1 Sunday, February 10

- Caught up in lectures, learning about MIS

- Programmed the first module of assignment 2

0.6 Week 6, Feb 11 - 17

0.6.1 Monday, February 11

- Finished the programming of Assignment 2, learning all about reading formal specifications, lambda functions and writing object oriented code in python

- Learned how pytest works although didn't get that much of an opportunity to implement it

0.7 Week 7, Feb 18 - 24

This was reading week. Did not work on 2AA4 this week. I enjoyed my break spending time with friends and family, as well as doing some other assignments.

0.8 Week 8, Feb 25 - Mar 3

0.8.1 Monday, February 25

- Added 15 test cases for Assignment 2 part 1

- Used the test cases to test my code and partners code

- Finished writing the report