In this lab, I learned how to set up the development environment to implement the mbed system.
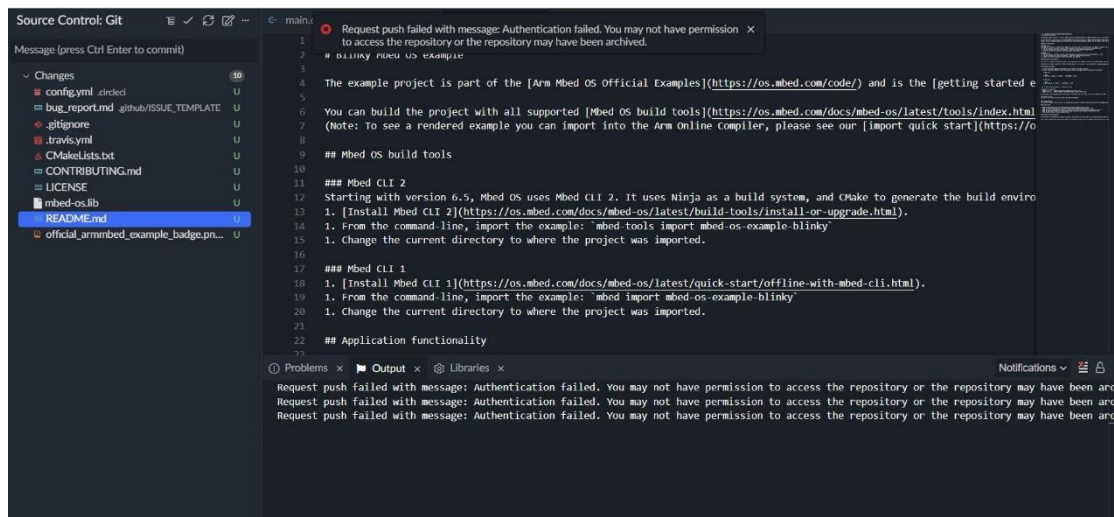
(1) Create an github account

I had created my account a long time ago but just use it to watch other's project and codes. In this step, I learn more feature to github, which are useful for project in future.

(2) Install VScode, C/C++ compiler and Python

I had install the software and tools before, but this time I complete the whole step to build a more stable development enviroment

(3) Install Git Dekstop tools and Setup SSH key

In this step, I connected my host and successfully upload my file to github, I also encounter the problem(Authentic problem) I mention in the forum on eclass, I figure it out after reading the official tutorial to solve the problem.

(4) Installing mbed Studio

Just follow the step, and it works perfectly. But there is some issue that I encounter, The second program can't read the libraries, even though I add the library from the official ARM github, it still has some problem related to Python. So I uninstall it and reinstall the latest version, wola then it work, cant' figure out why but the problem is solved.

(5) Discussion

It took me a lot of time to set up the system. But it works perfectly by doing the following steps, I thought it's a good start. Also, I am looking forward to have a new laptop, CPU works at 100% everytime running the mbed Studio and also took lots of time.