**Cloud Computing**

**Lab 5**

1. **Areas of Difficulty:**

Mistakenly downloaded Flask, not knowing that we already had a server.py file from last week. Upon realising that used the provided file however.

Getting use to the various docker commands.

Getting the docker port to the forward to the internet so that it was accessible through any web browser, this was solved using the following command:

Docker run -p 8080:5000 “file name”, which the –p was a port forwarder command which in this case changed it from 5000 to 8080.

However after doing this I still couldn’t get the correct URL to work. As I was using an amazon cloud server my URL for my server with the port of 8080:

<http://ec2-52-30121185.euwest1.compute.amazonaws.com:8080/euler1/2000>

1. **What went well:**

Coding in server.py, getting use to python and it is becoming easier for me to code within it. I used my Euler1 fibonacci numbers to run through the server on the server.py code.

I also provided that you could insert your own parameters for the index of the fibonacci numbers.

After learning any new commands I kept record of all them on a .txt file for future reference which came in handy throughout the entire lab.

1. **GIT Hub URL:** https://github.com/chdonncha/Lab4-Docker