Lee Yan Cheng A0199141B

https://github.com/yanchenglee98/OTOT-A1
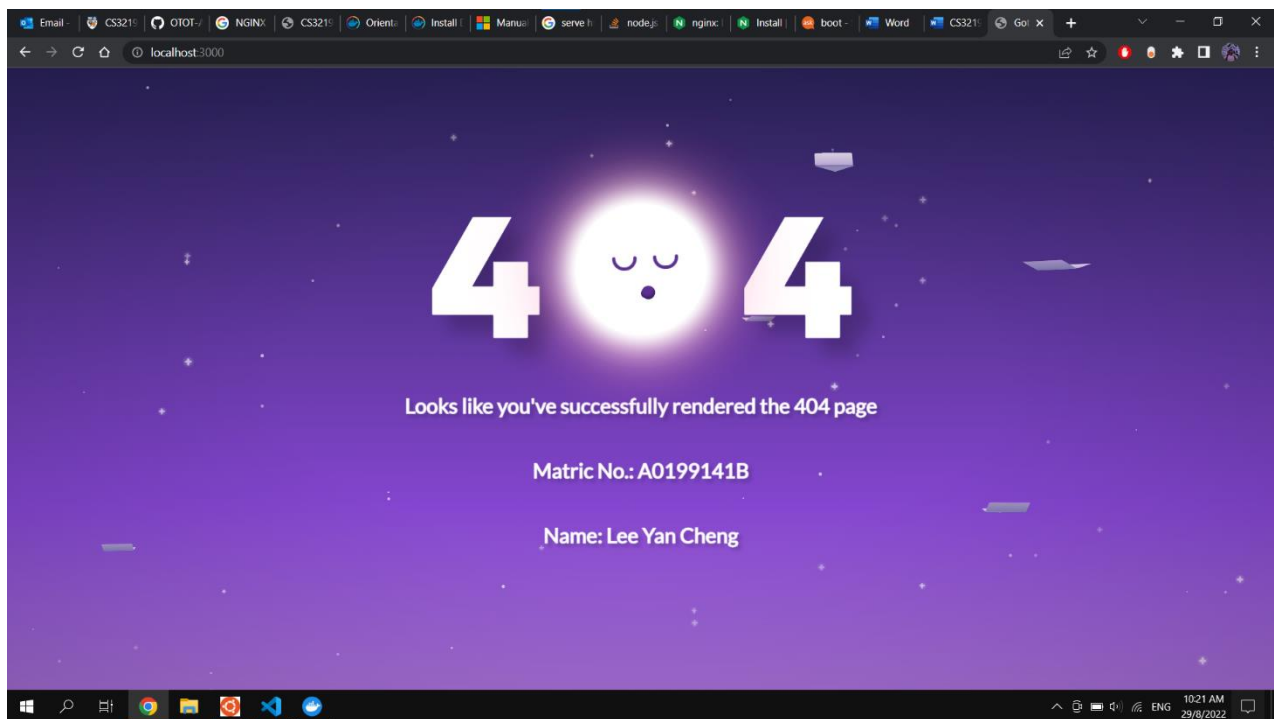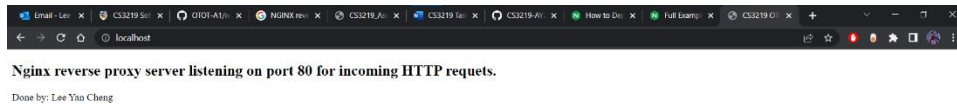
Task A1.1

Steps to Dockerize:

- cd to /app
- Add the Dockerfile
- Add the docker-compose.yml
- Run in terminal: `docker-compose up –d –build`
    o Or run: `docker build . -t <your username>/node-web-app`
    o Then run: `docker run –p 3000:3000 –d my-app/taska11`
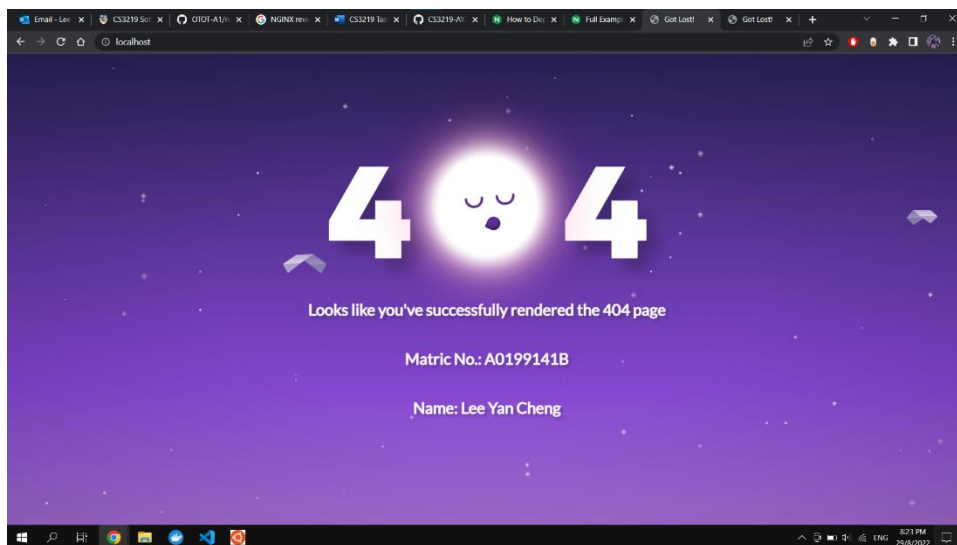- Go to `localhost:3000`

Task A1.2

- cd /nginx-sample
- Create the Dockerfile
- Run in terminal to build image: `docker build . -t taska12 .`
- Run in terminal to run the container: `docker run --name testa12 -p 80:80 -d taska12`

Nginx reverse proxy server listening on port 80 for incoming HTTP requets.

Done by: Lee Yan Cheng

Task A1.3

- cd /nginx
- Create Dockerfile in app folder
- Create default.conf in nginx folder
- Create Dockerfile in nginx folder
- Create docker-compose.yml in /nginx folder to run both containers
- Run in terminal: docker-compose up –build
- Go to localhost:80

Reverse proxy using localhost:80