## Task A1

### **Submission Information**

Option	Description
Name	Lau Jun Hao Benjamin
Matriculation Number	A01840840B
Link to GitHub Repository	https://github.com/Capeguy/cs3219-otot/tree/master/OTOT_Task_A1_
Instructions	Below
Other Relevant Learnings	null

## Instructions on how to run the Docker container

#### Write index.html

#### Write Dockerfile

```
FROM nginx:stable
COPY ./index.html /usr/share/nginx/html/index.html
EXPOSE 80
```

#### **Build & Run Container**

```
docker build . -t capeguy/task_a:latest
```

```
docker push capeguy/task_a:latest
```

```
→ OTOT_Task_A1 git:(master) x docker push capeguy/task_a:latest
The push refers to repository [docker.io/capeguy/task_a]
d2004a7f8e79: Laver already exists
```

```
0bdf8da939c8: Layer already exists
a77307502458: Layer already exists
b4f0619f5d91: Layer already exists
2af43e00049a: Layer already exists
d926ce0c8121: Layer already exists
476baebdfbf7: Layer already exists
latest: digest: sha256:302a3a7bd7cba0b7518c0a055303a1aa8e7c7e1cbb82713693cabc76d929520a size: 1777
```

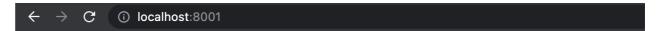
docker run -p "8001:80" capeguy/task\_a:latest

```
→ OTOT_Task_A1 git:(master) x docker run -p "8001:80" capeguy/task_a:latest

/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2021/10/02 13:20:22 [notice] 1#1: using the "epoll" event method
2021/10/02 13:20:22 [notice] 1#1: built by gcc 8.3.0 (Debian 8.3.0-6)
2021/10/02 13:20:22 [notice] 1#1: OS: Linux 5.10.25-linuxkit
2021/10/02 13:20:22 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2021/10/02 13:20:22 [notice] 1#1: start worker processes
```

Replace capeguy with your own Dockerhub Username

Navigate to <a href="http://localhost:8001">http://localhost:8001</a> on a Web Browser



# Hello! This is the HTML page served from NGINX.