

Docker – I Assignment – 5

You have been asked to:

- Create a sample HTML file.
- Use the Docker file from the previous task.
- Replace this sample HTML file inside the docker container with the default page.

Answer

```
vim index.html
```

```
<html>
    <h1> Hi! WEL Come to My WebSite TechArkit </h1>
</html>
```

DockerFile

```
FROM ubuntu
RUN apt-get update
RUN DEBAIN_FRONTEND="noninteractive" apt-get install tzdata -y
RUN apt-get install apache2 -y
COPY index.html /var/www/html/
ENTRYPOINT apachectl -D FOREGROUND
~
```

==== DockerFile Content ====

```
FROM ubuntu
RUN apt-get update
RUN DEBAIN_FRONTEND="noninteractive" apt-get install tzdata -y
RUN apt-get install apache2 -y
COPY index.html /var/www/html/
ENTRYPOINT apachectl -D FOREGROUND
```

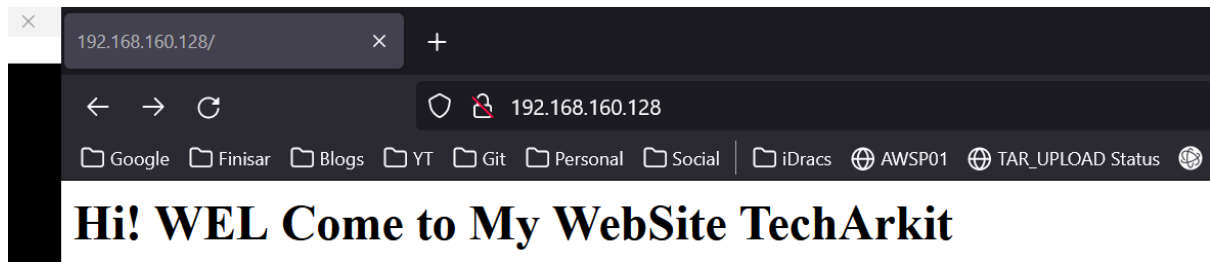
```
aravi@techarkit-ubuntu:~$ sudo docker build . -t application
[+] Building 0.1s (10/10) FINISHED
docker:default
=> [internal] load build definition from Dockerfile
```

Check the Docker Images

```
aravi@techarkit-ubuntu:~$ sudo docker images
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
application         latest     9bcc6e4128f3  26 seconds ago 236MB
```

```
aravi@techarkit-ubuntu:~$ sudo docker run -it -d -p 80:80
application
03c6ac9cafc63edc9b19c8912f278b4ae3b9b69d88ffd9759705e5bfadc36414

aravi@techarkit-ubuntu:~$ sudo docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED
STATUS        PORTS          NAMES
03c6ac9cafc6   application    "/bin/sh -c 'apachec..." 2 minutes
ago           Up 2 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp
objective_feistel
```



That's it.