

Lab3 Create Apache Image

```
1 FROM ubuntu
2 RUN apt update
3 RUN apt install -y apache2
4 RUN apt install -y apache2-utils
5 RUN apt clean
6 EXPOSE 80
7 CMD ["apache2ctl", "-D", "FOREGROUND"]
```

```
1 docker build -t apache:1.0 .
```

```
1 docker images
```

```
1 docker run -d -p 80:80 apache:1.0
```

```
1 docker ps -a
```

Access the website:

```
http://51.142.252.242/
```

Connect to a running Docker Container

```
1 # Get the Container ID or Name
2 docker ps -a
3
4 CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
5 520b3c420025   apache:1.0    "apache2ctl -D FOREG..." 6 minutes ago  Up 6 minutes  0.0.0.0:80->80/tcp, :::80->80
6
```

```
1 # Connect to the Docker container
2 docker exec -it 520b3c420025 /bin/bash
3 or
4 docker exec -it myapache /bin/bash
```

Finding the Time zone

```
1 date +%Z
```

```
1 # You see the output as UTC
2 UTC
```

Delete all Containers & Images

```
1 docker rm -f $(docker ps -aq)
2 docker rmi -f $(docker images)
```