

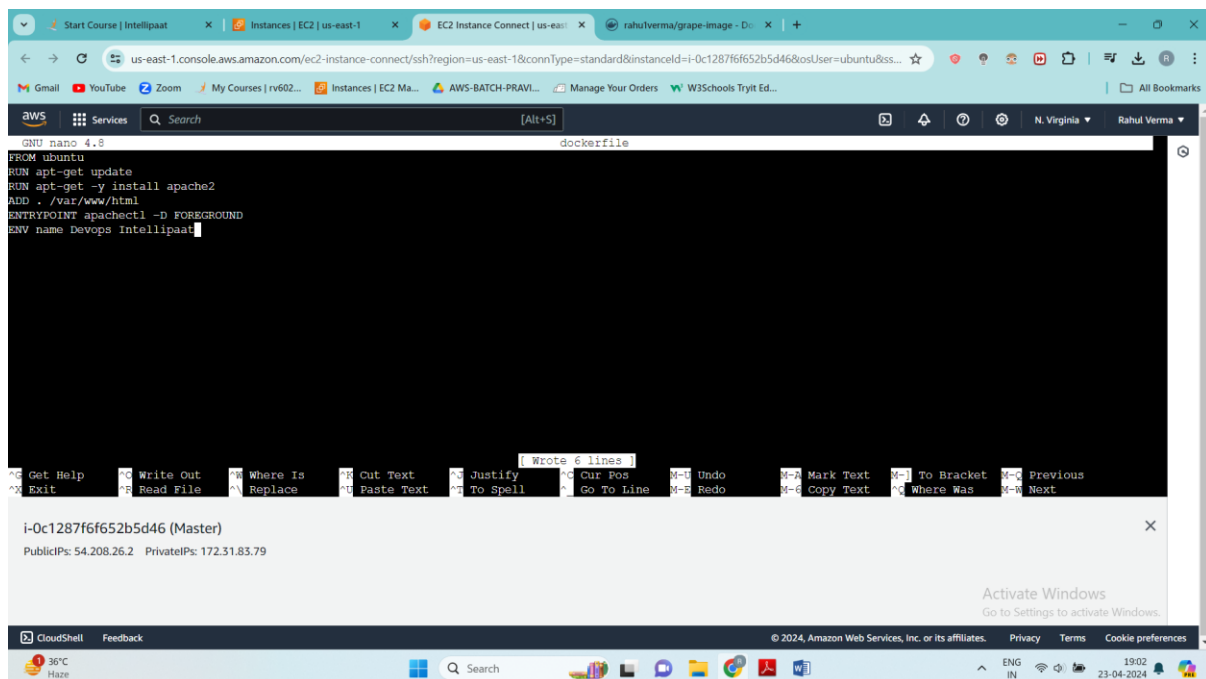
Creating an image using docker file

Operation 1: To create a custom docker image we first need to write down all the various commands just like given below in a docker file

```
mkdir <directory_name>  
cd grape  
sudo nano dockerfile
```

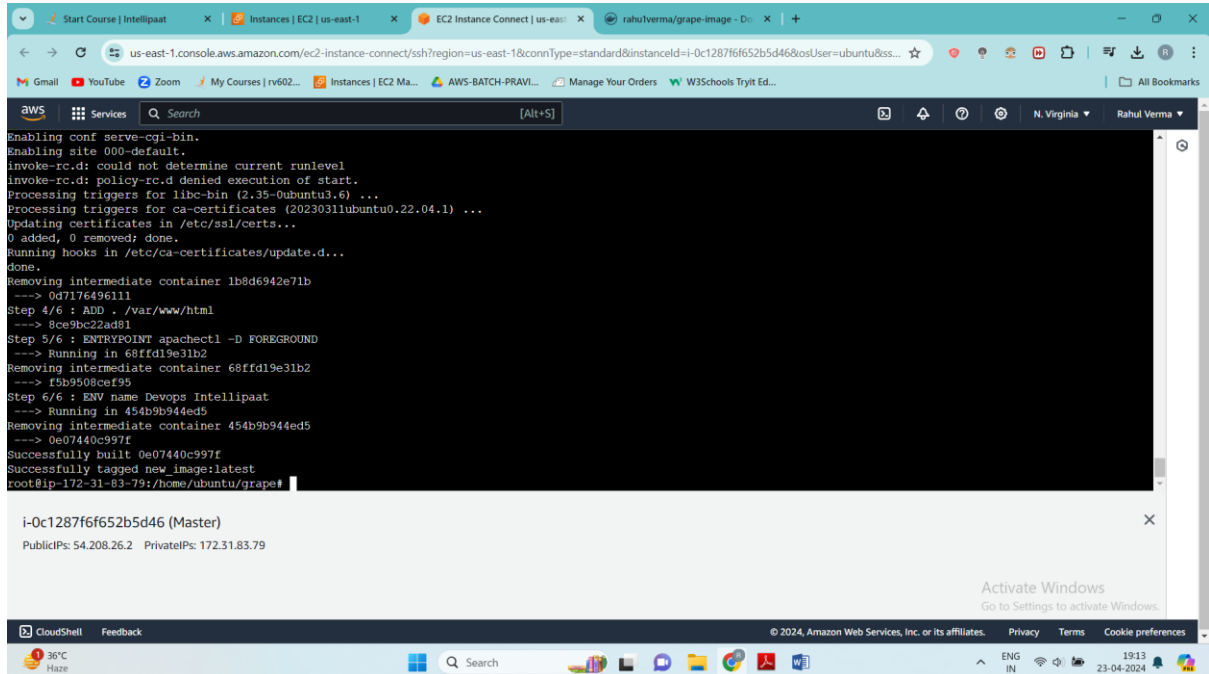
Now paste the following commands-

```
FROM ubuntu  
RUN apt-get update  
RUN apt-get -y install apache2  
ADD ./var/www/html  
ENTRYPOINT apache2l -D FOREGROUND  
ENV name Devops Intellipaat
```



Operation 2: Then using the docker build command, build the image.

Is
docker build -t <image_name> .



```
Enabling conf serve-cgi-bin.
Enabling site 000-default.
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.35-0ubuntu3.6) ...
Processing triggers for ca-certificates (20230311ubuntu0.22.04.1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
Removing intermediate container 1b8d6942e71b
--> 0d7176496111
Step 4/6 : ADD . /var/www/html
--> 8ce9bc22ad81
Step 5/6 : ENTRYPOINT apachectl -D FOREGROUND
--> Running in 68ffd19e31b2
Removing intermediate container 68ffd19e31b2
--> f5b9508cef95
Step 6/6 : ENV name Devops Intellipaath
--> Running in 454b9b944ed5
Removing intermediate container 454b9b944ed5
--> 0e07440c997f
Successfully built 0e07440c997f
Successfully tagged new_image:latest
root@ip-172-31-83-79:/home/ubuntu/grape#
```

i-0c1287f6f652b5d46 (Master)
PublicIPs: 54.208.26.2 PrivateIPs: 172.31.83.79

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Now let's check images

docker images

```
root@ip-172-31-83-79:/home/ubuntu/grape# docker images
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
new_image            latest      0e07440c997f  2 minutes ago  237MB
rahulverma/grape-image latest      54b9cde34584  3 hours ago    237MB
ubuntu               latest      7af9ba4f0a47  12 days ago    77.9MB
root@ip-172-31-83-79:/home/ubuntu/grape#
```