## **DevOps Assignment**

Abhigyan Dhakal (ASE)

## 1.Launch an EC2 instance and login via ssh furthermore, install httpd(apache)

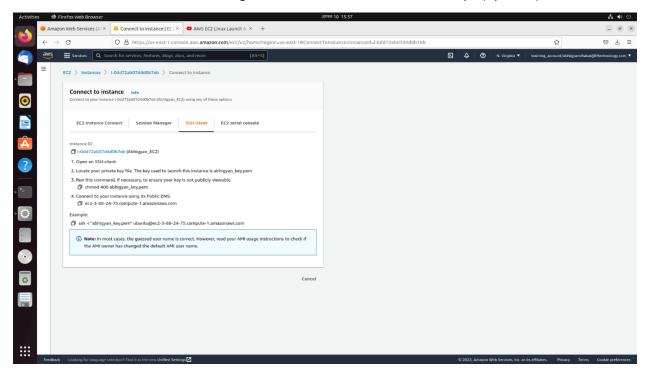


Figure 1: Creating an EC2 instance

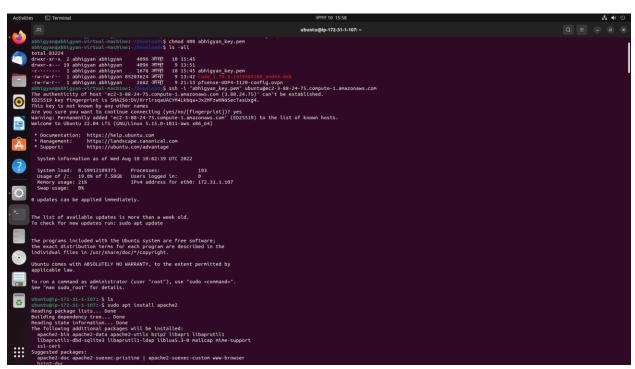


Figure 2: Connecting to the created EC2 instance

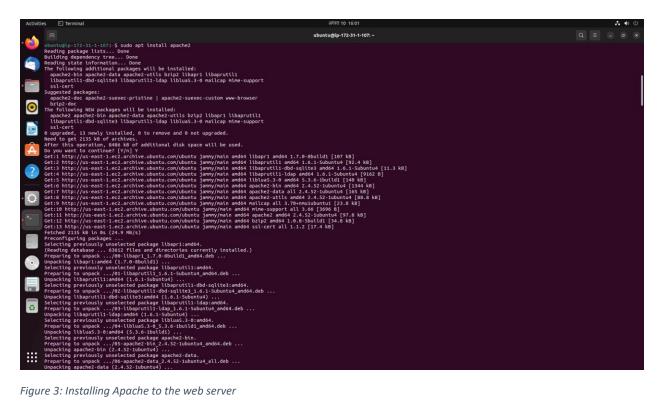


Figure 3: Installing Apache to the web server

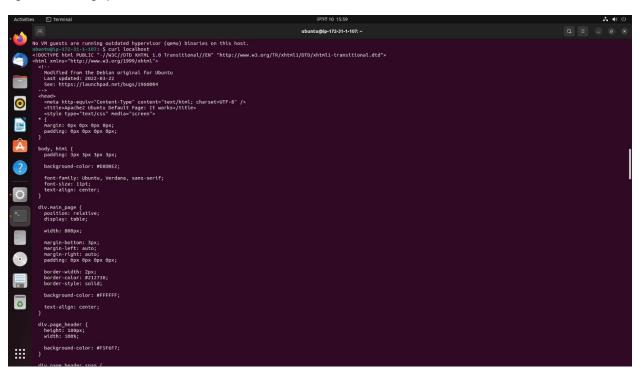


Figure 4: HTML page in Localhost

2.Create a Dockerfile for node js and react and push the created docker images to the docker hub repository.

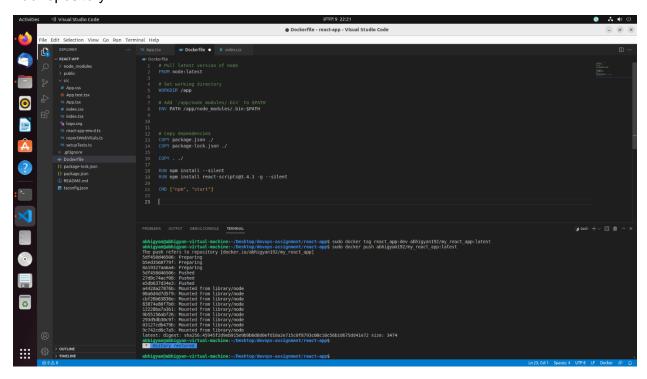


Figure 5:Creating docker file in a react/node project and pushing it to docker hub

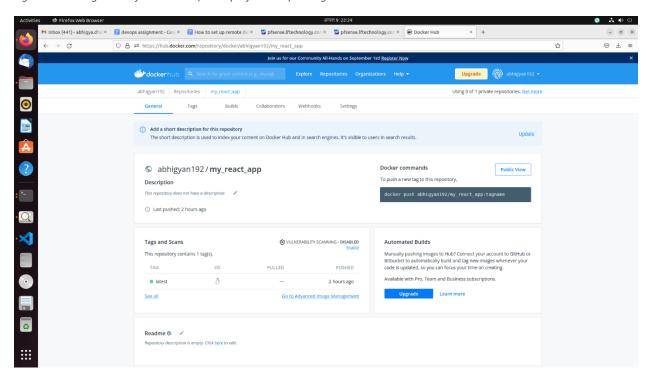


Figure 6: Docker hub repository after pushing the created image file

3. Setup office vpn and access self-learning platforms.

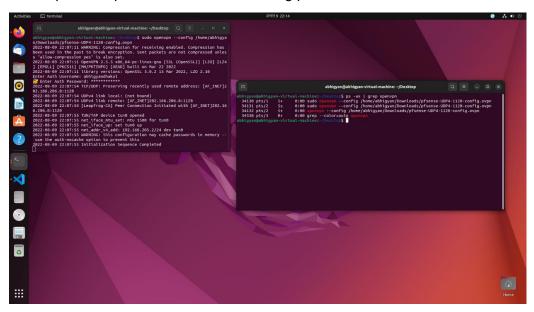


Figure 7: Successfully connecting to office VPN using OpenVPN

4.List down common HTTP status code (only 10) with means.

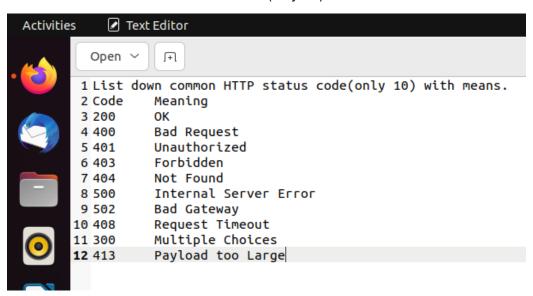


Figure 8: HTTP status codes with its meaning

5. Find network id and Broadcast for 150.10.20.30.

