1. Installing Docker and git

```
[ec2-user@ip-172-31-31-163 -] $ sudo systemctl start docker
[ec2-user@ip-172-31-31-163 -] $ sudo systemctl enable docker
Created synlink from /etc/system(system/disystem/disystem/disystem/disystem/docker.service.

[ec2-user@ip-172-31-31-163 -] $ sudo systemctl status docker

docker.service - Docker Application Container Engine

Loaded: loaded (/usr/lib/system/docker.service; enabled; vendor preset: disabled)

Active: active (running) since Med 2025-04-23 12:05:43 UTC; 26s ago

Docs: https://docs.docker.com

Main PID: 30041 (dockerd)

CGroup: /system.slice/docker.service

__30041 /usr/bin/dockerd -H fd:// --containerd/run/containerd.sock --default-ulimit nofile=32768:65536

Apr 23 12:05:38 ip-172-31-31-163.ec2.internal systemc[1]: Starting Docker Application Container Engine...

Apr 23 12:05:38 ip-172-31-31-163.ec2.internal dockerd[30041]: time="2025-04-23112:05:38.5697619222" level=info msg="Starting up"

Apr 23 12:05:38 ip-172-31-31-163.ec2.internal dockerd[30041]: time="2025-04-23112:05:43.3393955552" level=info msg="Coading containers: start."

Apr 23 12:05:43 ip-172-31-31-163.ec2.internal dockerd[30041]: time="2025-04-23112:05:43.5339355552" level=info msg="Coading containers: done."

Apr 23 12:05:43 ip-172-31-31-163.ec2.internal dockerd[30041]: time="2025-04-23112:05:43.53411932772" level=info msg="Docker daemon" commit=71907ca containerd-snapshotte...on=25.0.8

Apr 23 12:05:43 ip-172-31-31-163.ec2.internal dockerd[30041]: time="2025-04-23112:05:43.53411932772" level=info msg="Docker daemon" commit=71907ca containerd-snapshotte...on=25.0.8

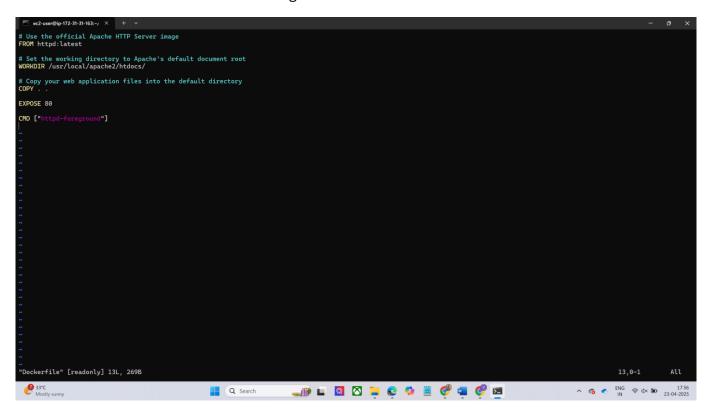
Apr 23 12:05:43 ip-172-31-31-163.ec2.internal dockerd[30041]: time="2025-04-23112:05:43.53411932772" level=info msg="MAPI listen on /run/docker.sock"

Apr 23 12:05:43 ip-172-31-31-163.ec2.internal dockerd[30041]: time="2025-04-23112:05:43.53411932772" level=info msg="API listen on /run/docker.sock"

Apr 23 12:05:43 ip-172-31-31-163.ec2.internal dockerd[30041]: time="2025-04-23112:05:43.5341193427" level=info msg="API listen on /run/docker.sock"

[ec2-user@ip-172-31-31-1
```

2. Write dockerfile to build new image



Build docker image by using docker build -t ecomm.

Now run the docker container

```
[ec2-user@ip-172-31-31-163 ecomm]$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS

36cc85454c9e ecommm "httpd-foreground" 37 seconds ago Up 37 seconds 0.0.0.0:70->80/tcp, :::70->80/tcp nervous_pasteur
[ec2-user@ip-172-31-31-163 ecomm]$ vi Dockerfile
[ec2-user@ip-172-31-31-163 ecomm]$ |
```

Now browse your ip and check the website

