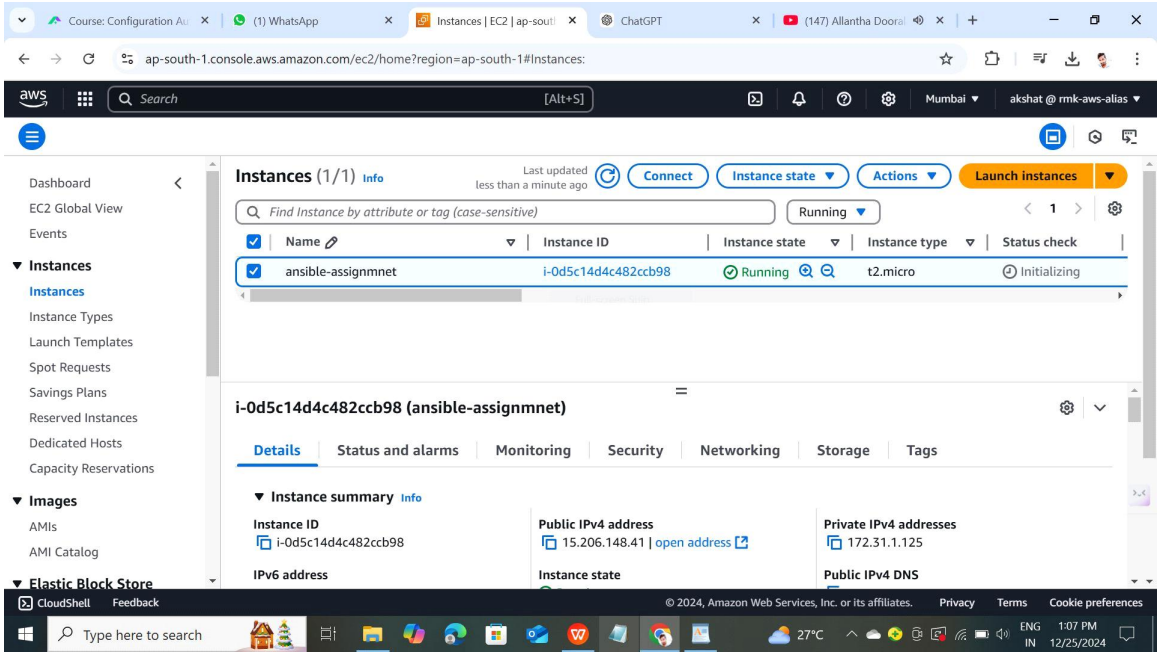
**REDDY PRAKASH**

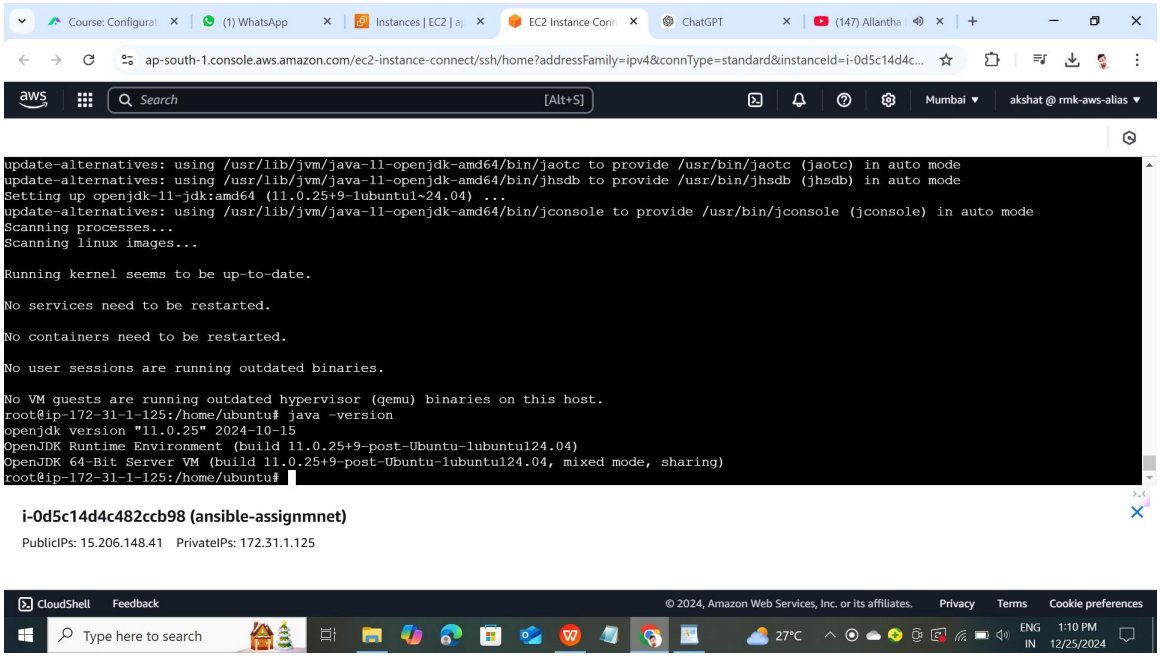
# Configuration Automation using Ansible Assignments

## 1. L1 - Create and Execute Ansible Playbook to Setup Java Maven Application Build Server

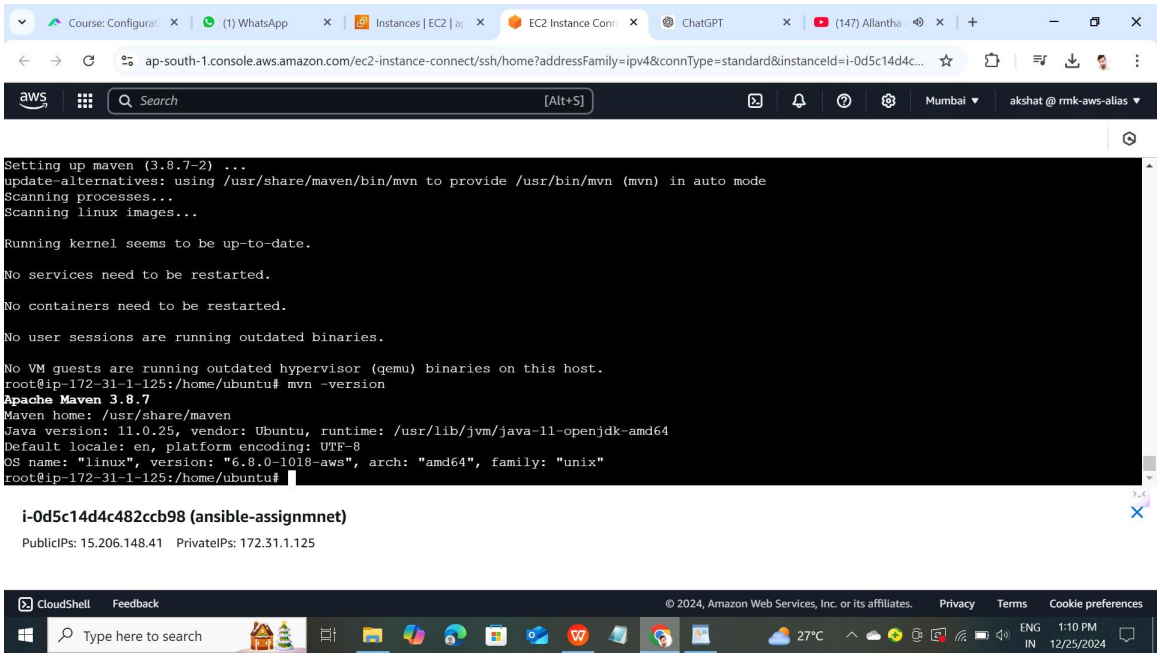
- Successfully launch the instance with name ansible-assignment



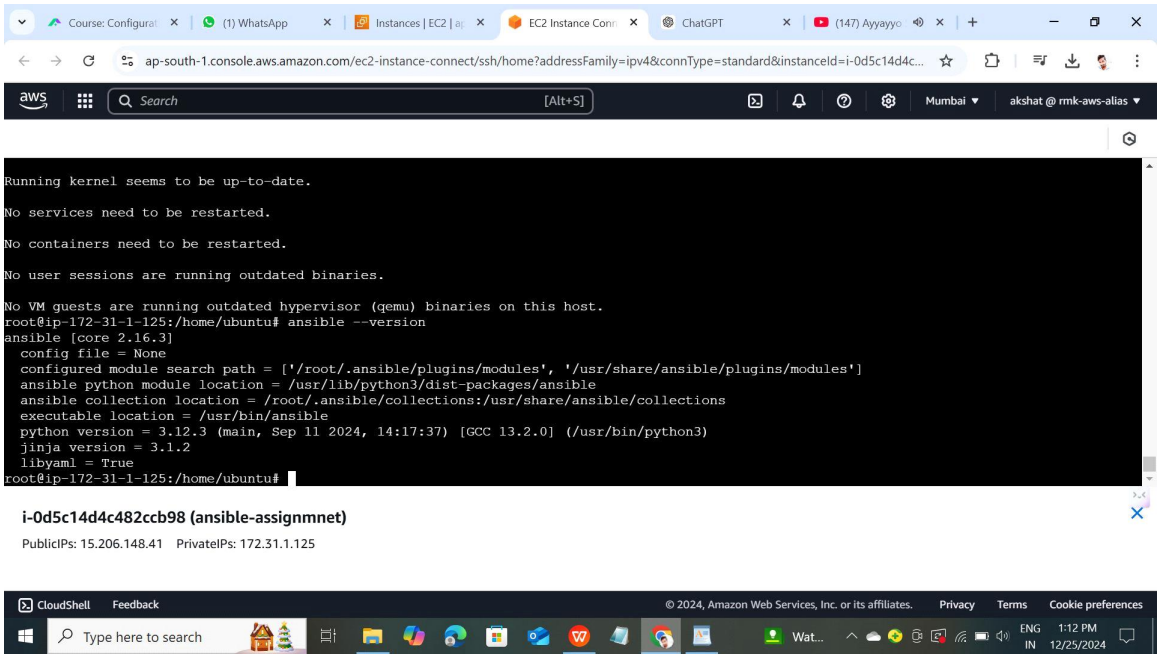
- install java for running maven and update default packages



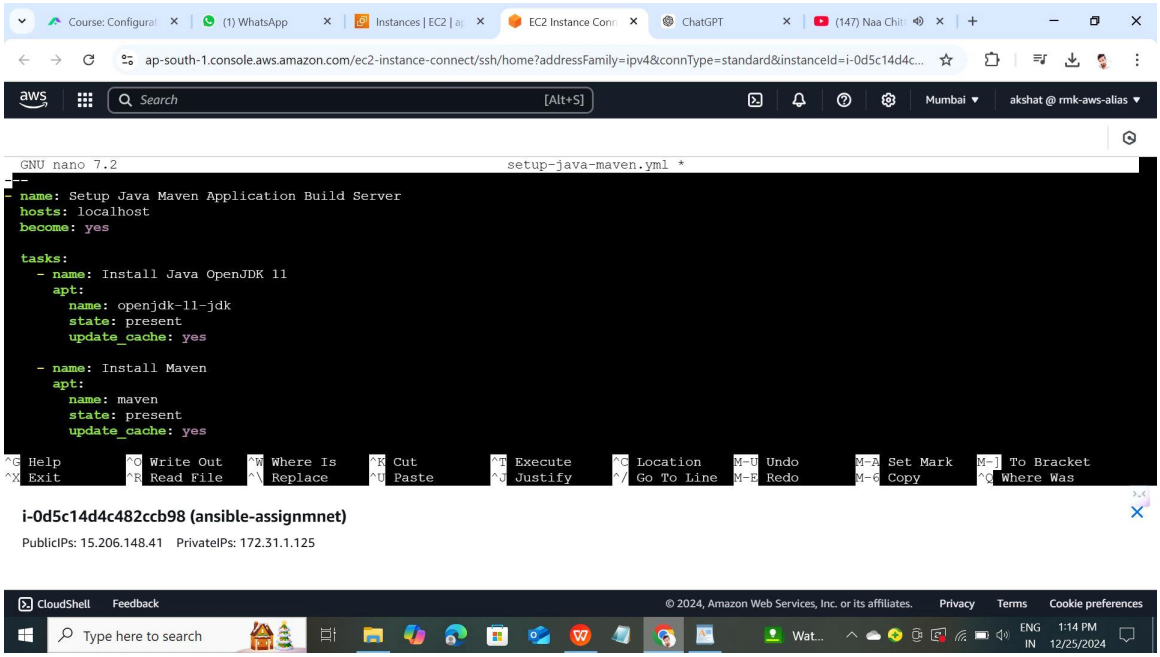

- Successfully install maven and version of apache maven 3.8.7



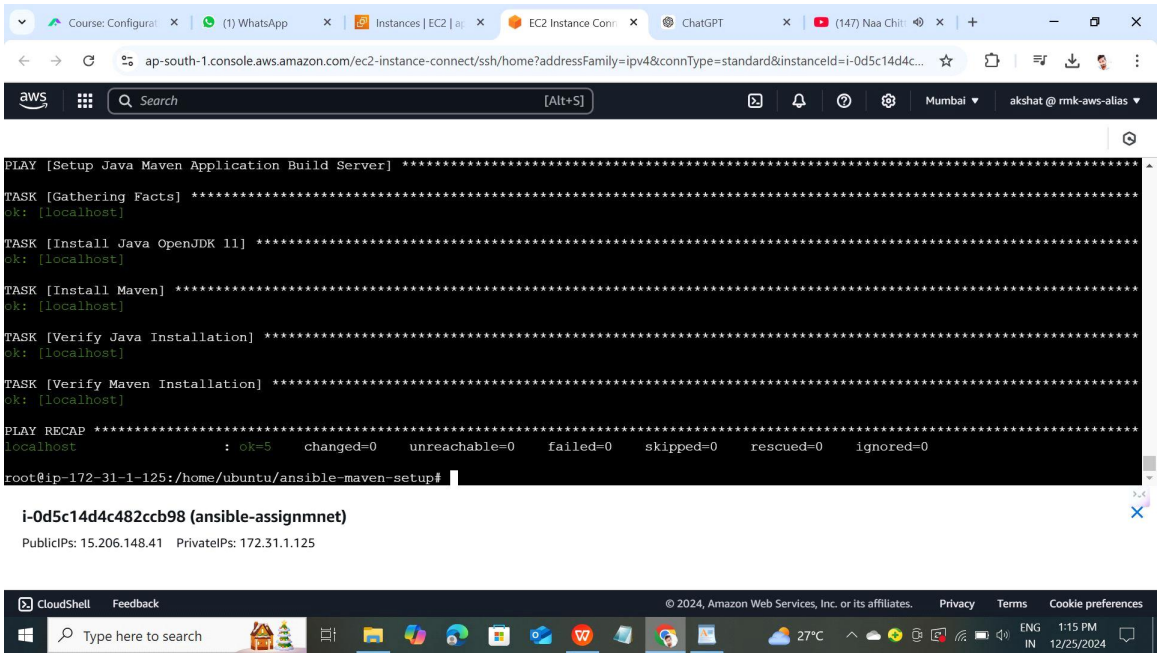

- Successfully install ansible server with version ansible [core 2.16.3]



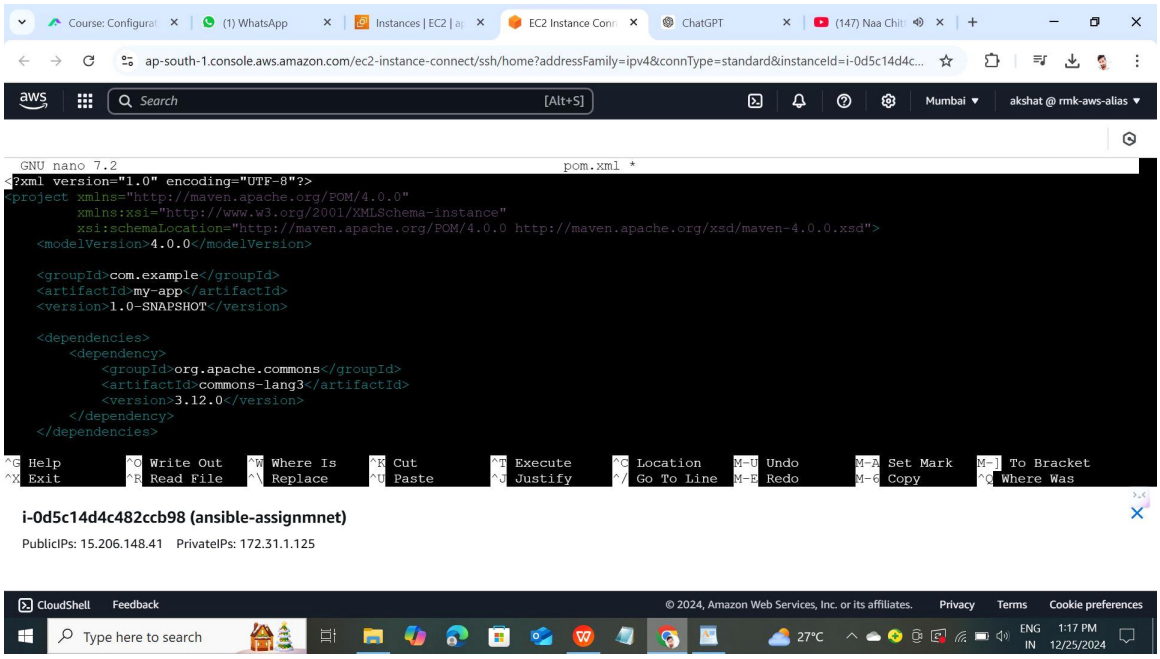
- Ansible Playbook to Setup Java Maven Application Build Server at below file



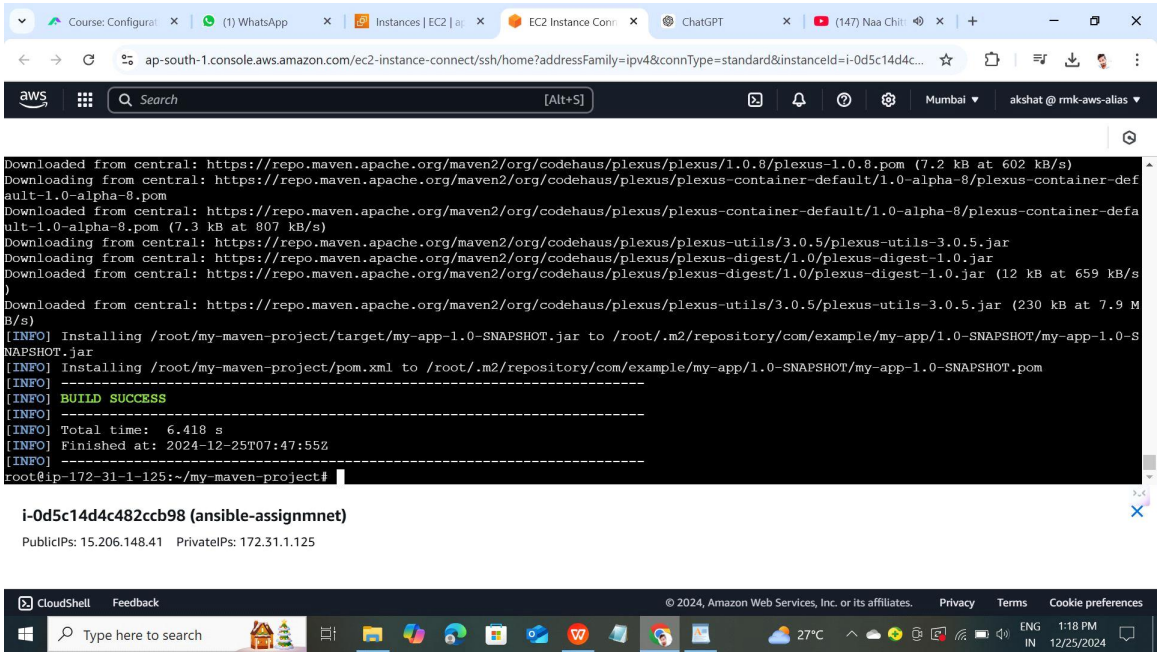

- Successfully playbook run and install apache maven




create a xml file for build java-maven application with ansible play book

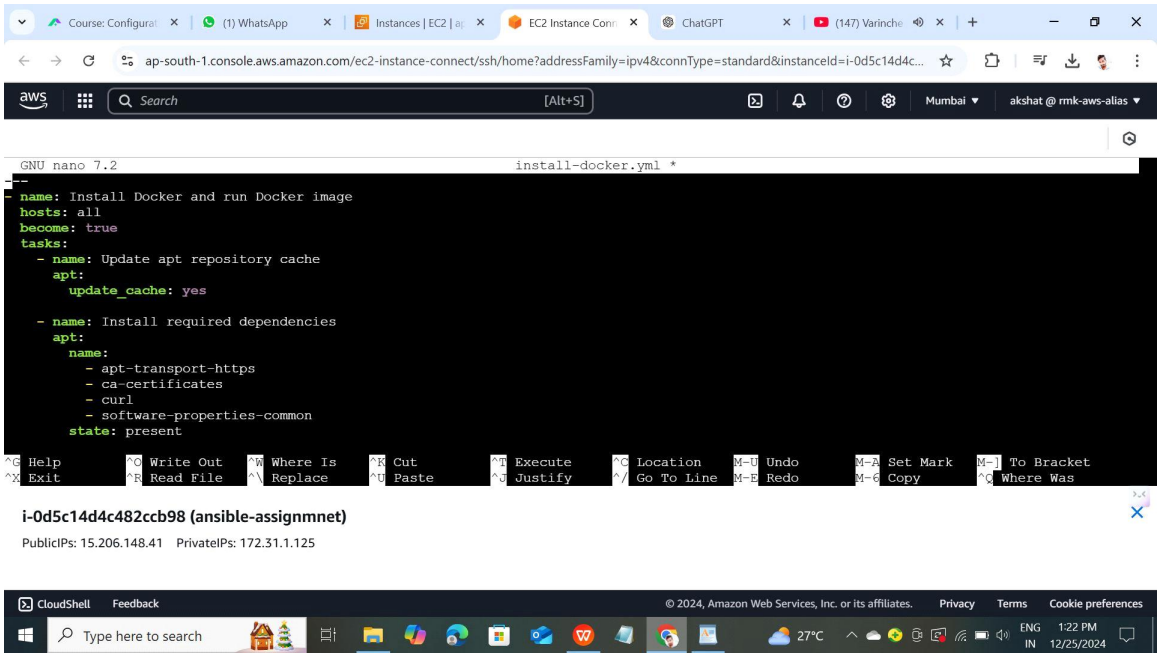


Successfully build the application

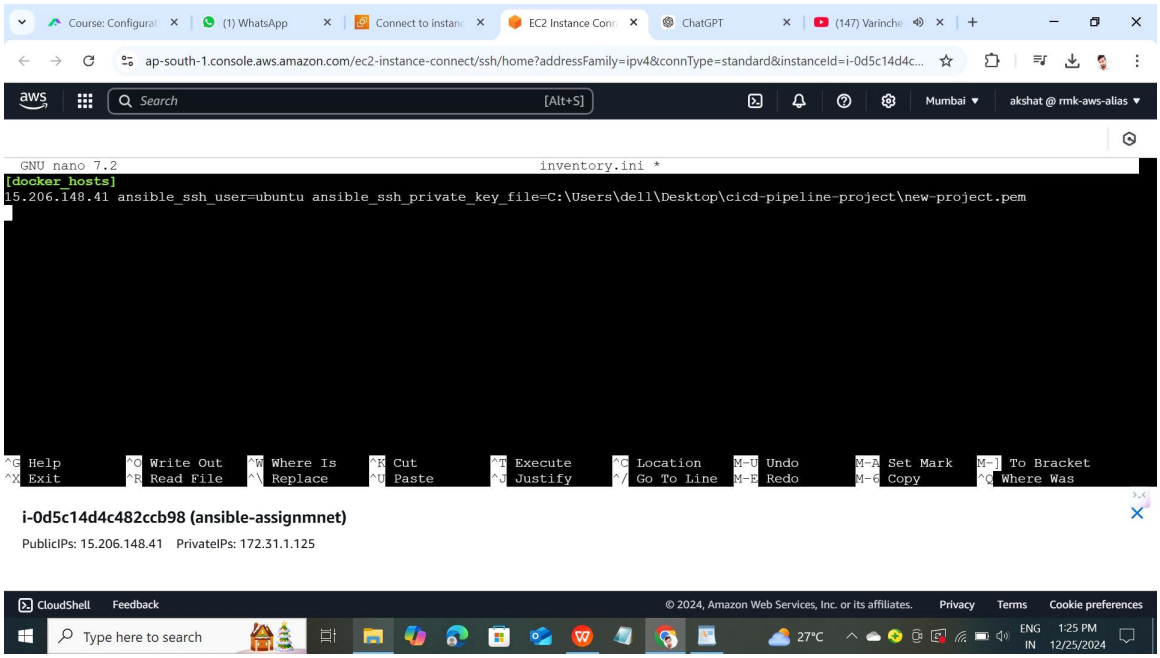



## 2. L2 - Create and Execute Ansible Playbook to Install Docker and Run the Docker Application Image created in Docker Module

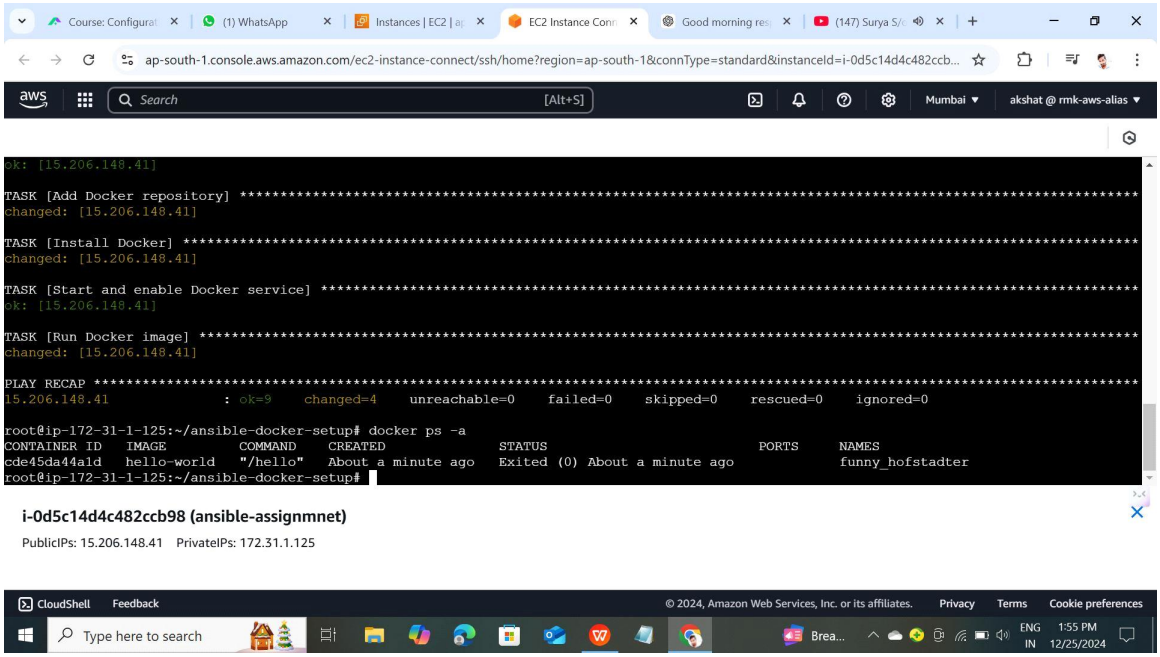
- create a docker.yml file write a script to install docker and docker image we shown in below




# Create a inventory.ini file to write a script of docker-hosts of ansible path

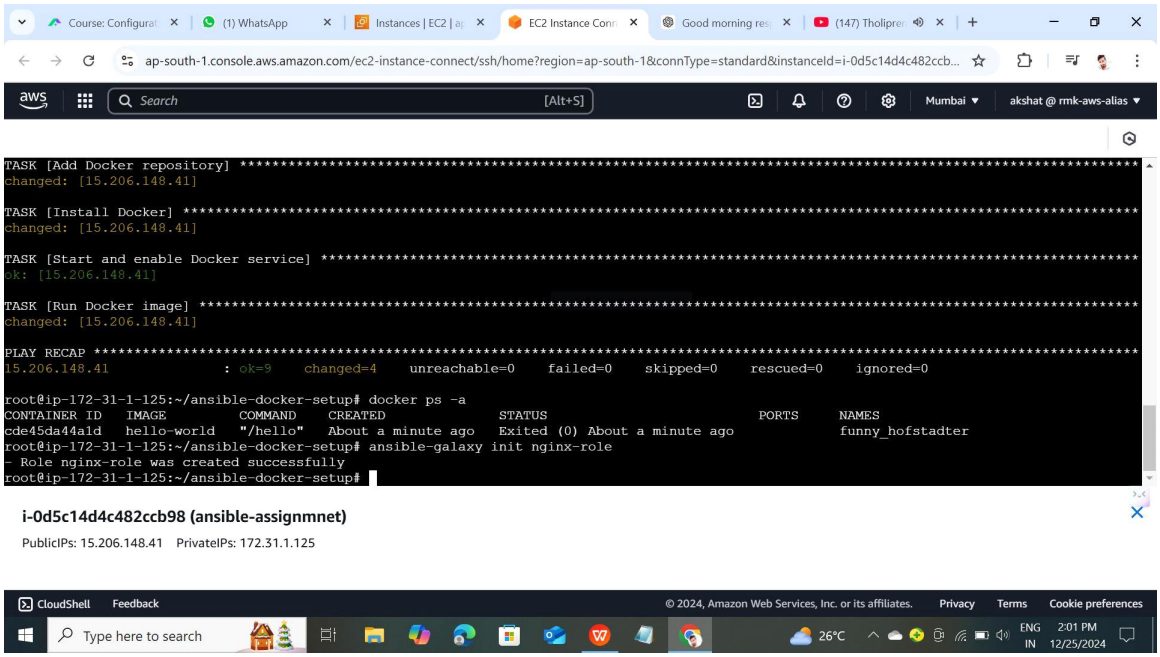


- With the help of ansible playbook to install docker and create docker image

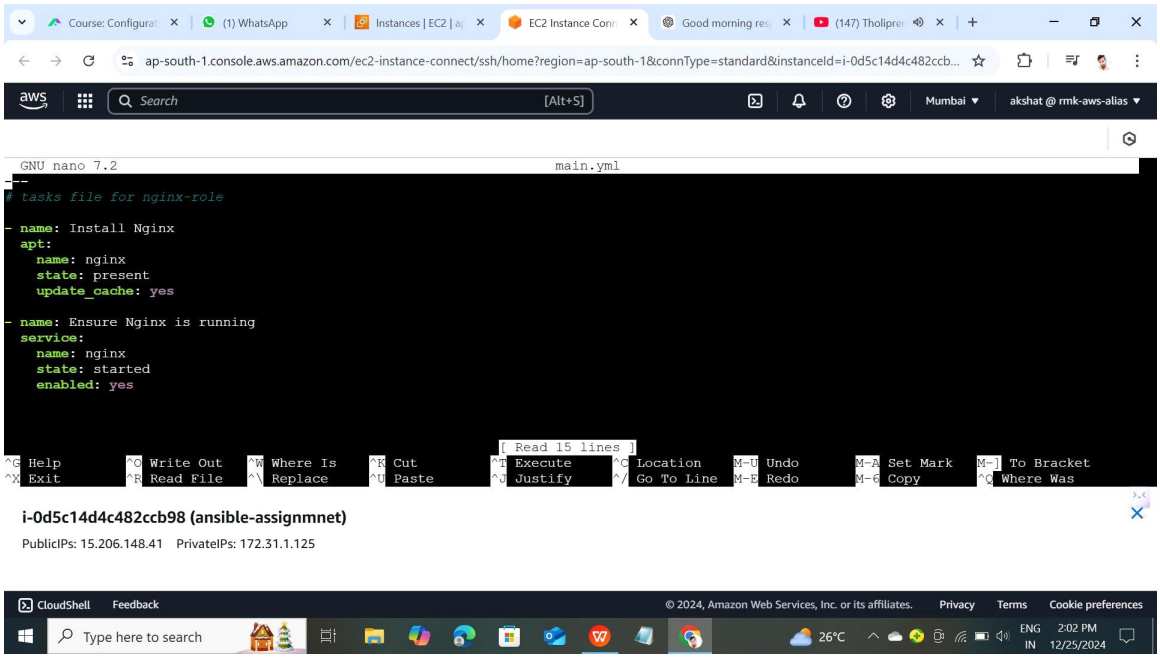



## 3. L3 - Create Ansible Role to define the task,handler for Nginx Service Installation and invoke the role in Ansible playbook

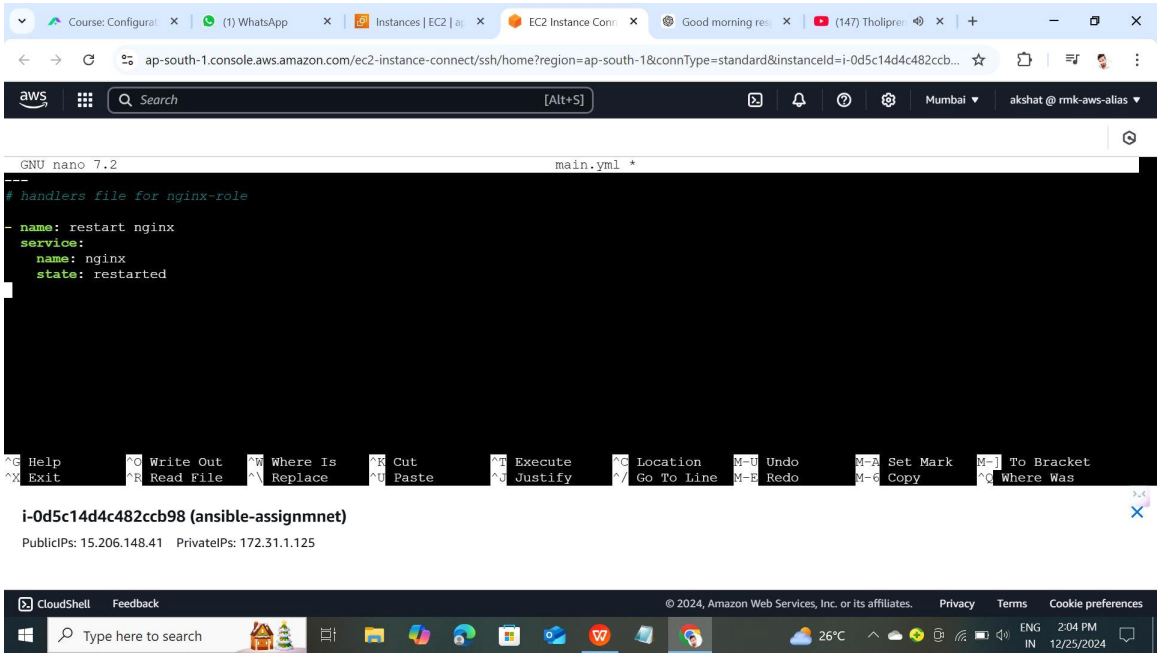
- Nginx-role was created successfully



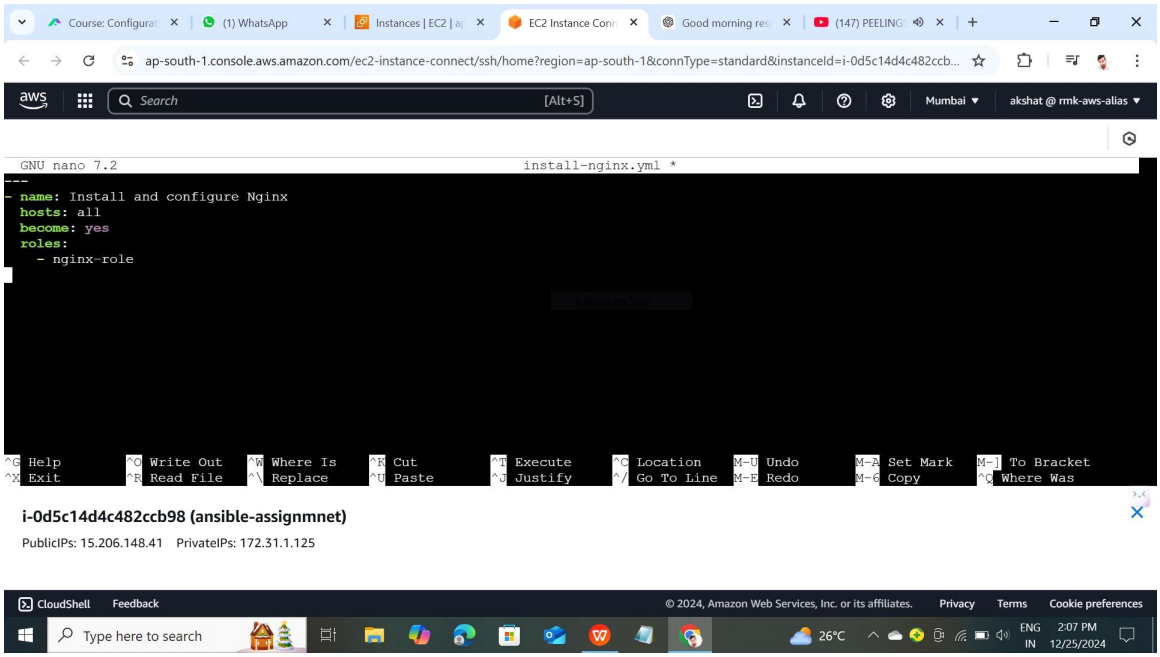

- Creata a .yml file for tasks file, it can be used to set a environmnet of run nginx servery



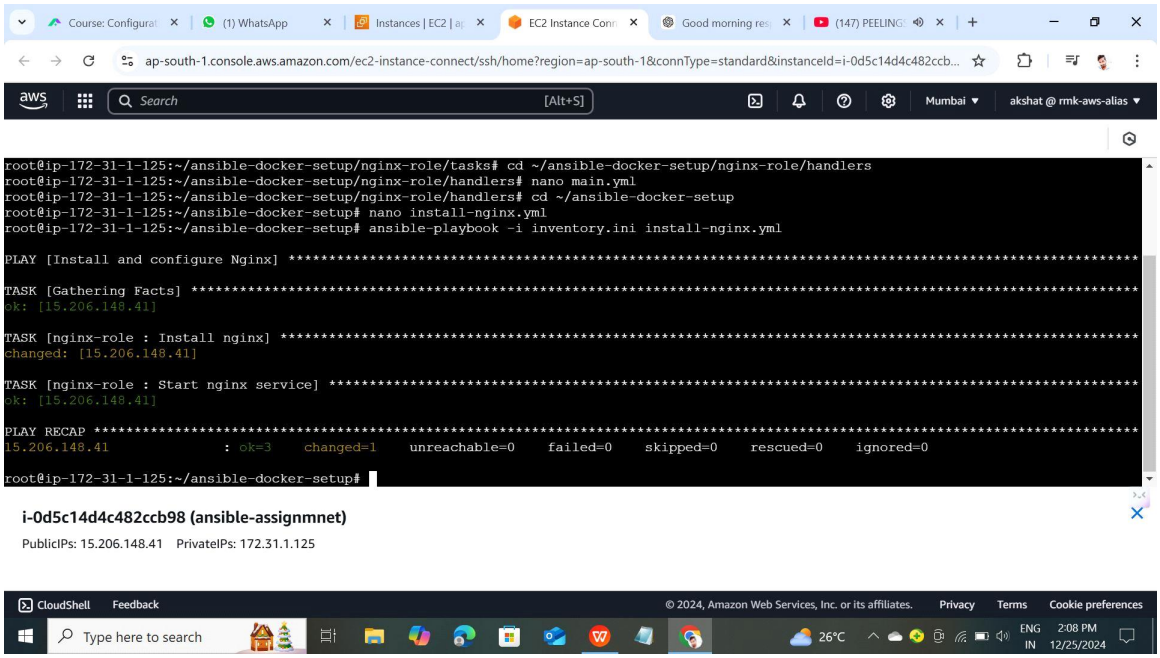
- Create .yml for handlers file, it can be used to restart a server when time fails



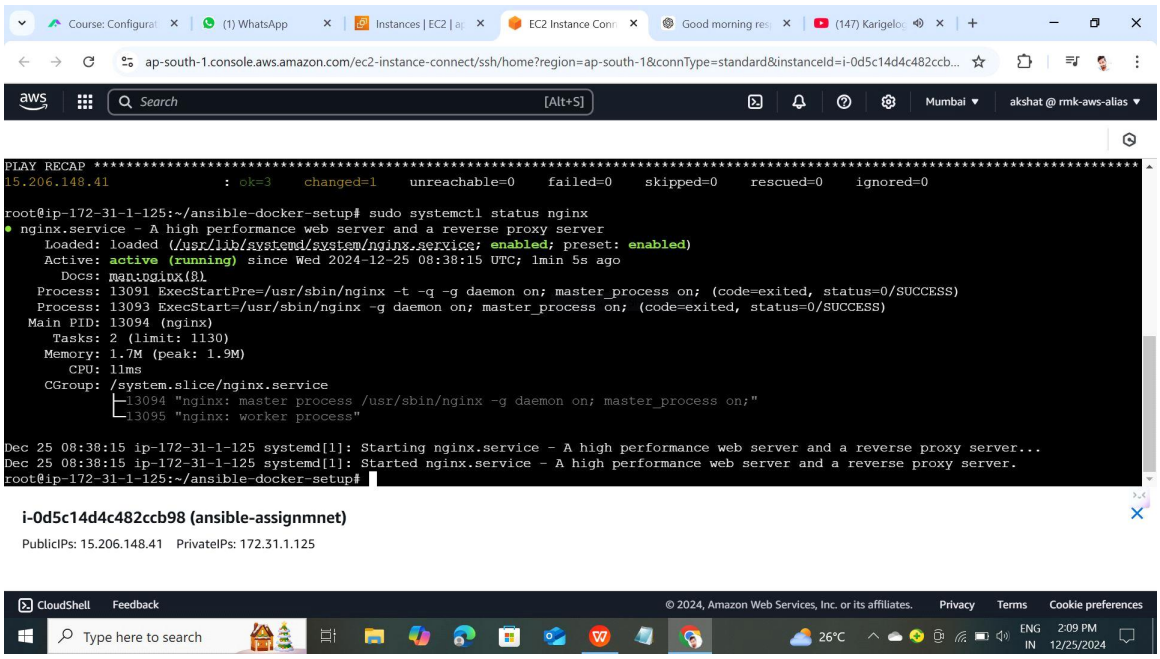

- Create .yml for hostfile for install-nginx.yml



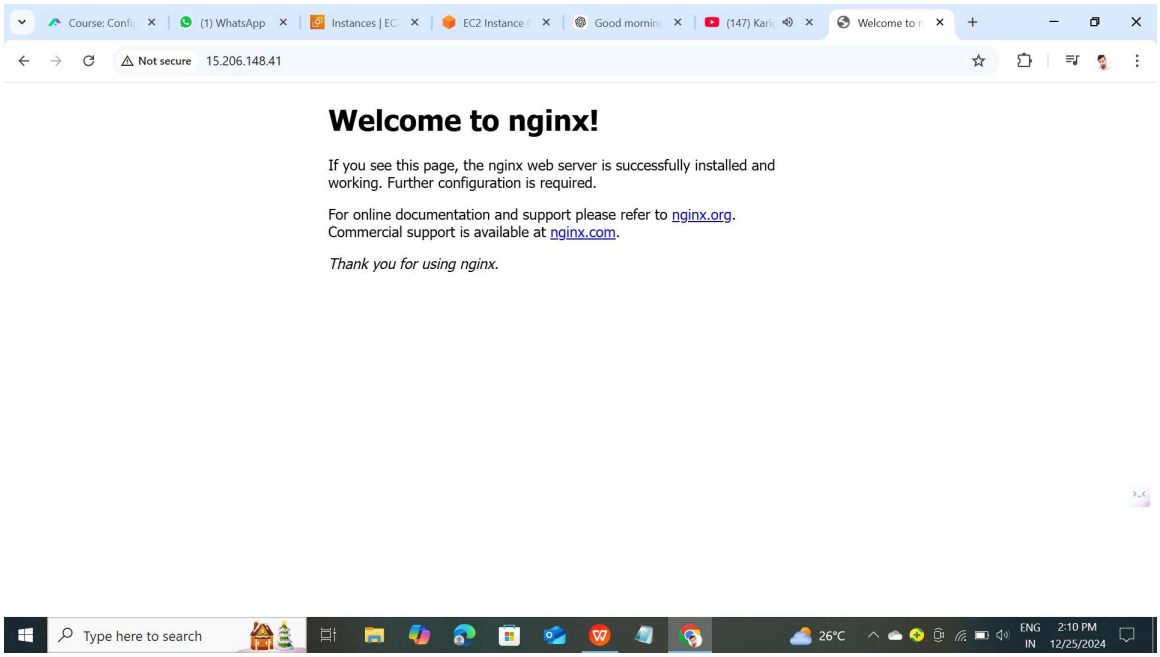

- Successfully install nginx server with three sets like host,task,handlers



- Check the status of sysemctl nginx server




- Successfully access the nginx server through internet


Not secure
15.206.148.41
Welcome to nginx!
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.
For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.
Thank you for using nginx.
Type here to search
26°C
ENG
IN
2:10 PM
12/25/2024

# THANK YOU