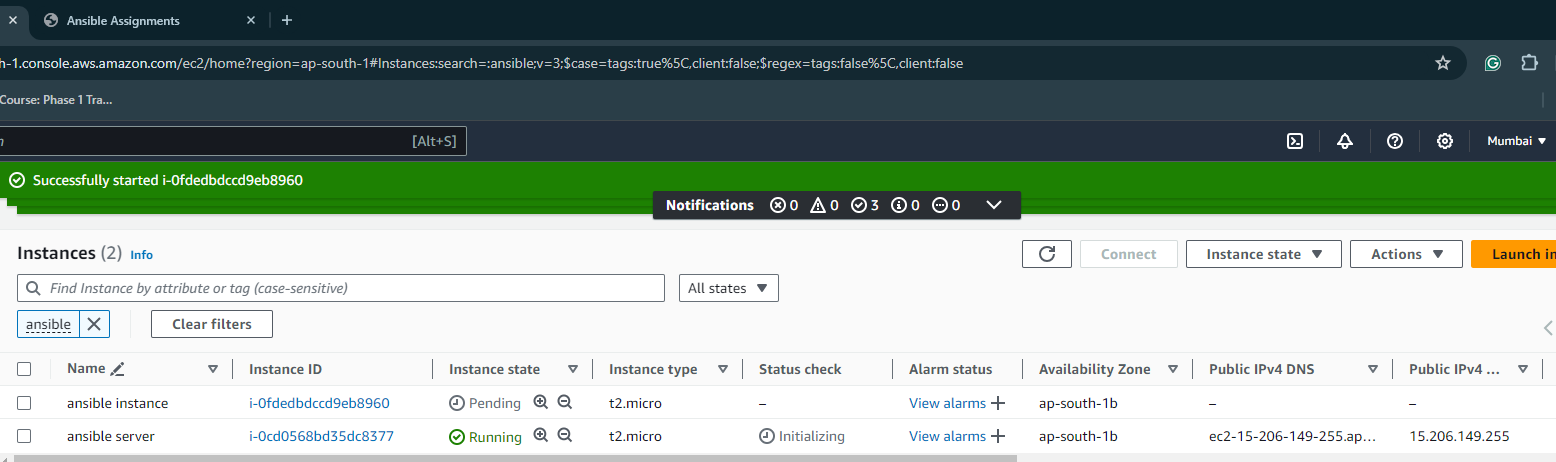
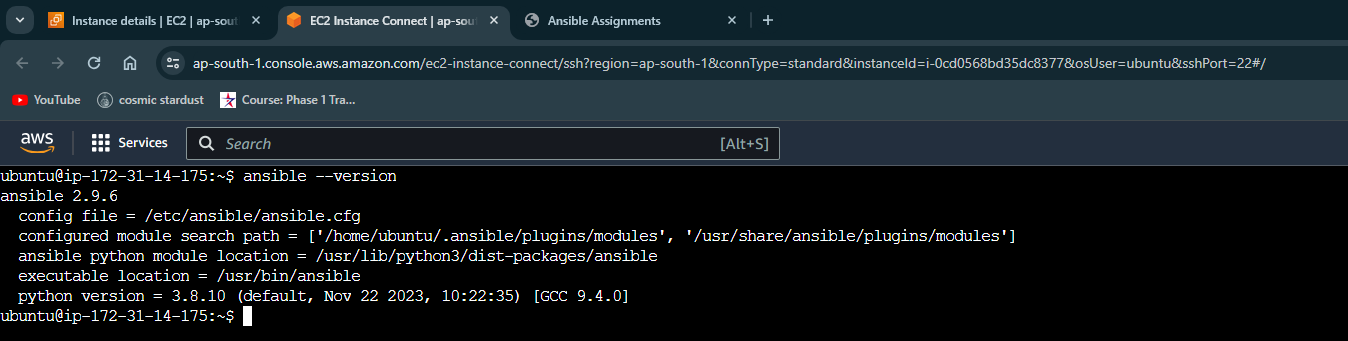
STARAGILE ANSIBLE ASSIGNMENT -2

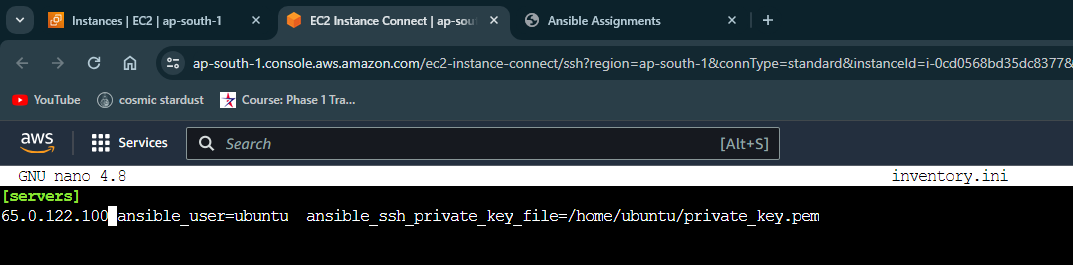
1. **Create 2 AWS Ubuntu Instances**:



1. **Setup Ansible on one instance**:

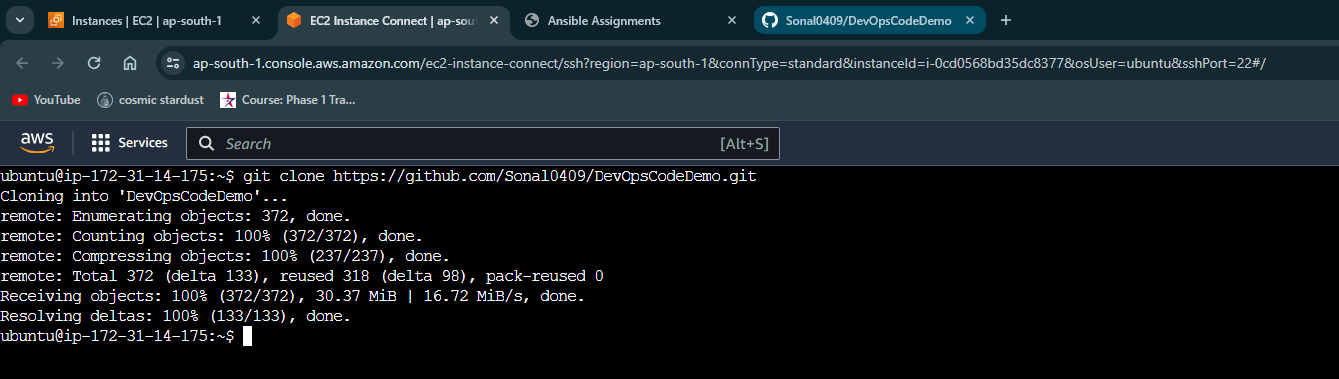


1. **Setup Hosts Inventory File**:

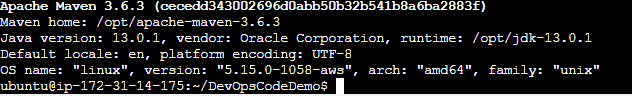


1. **Take the Spring Boot Application**:

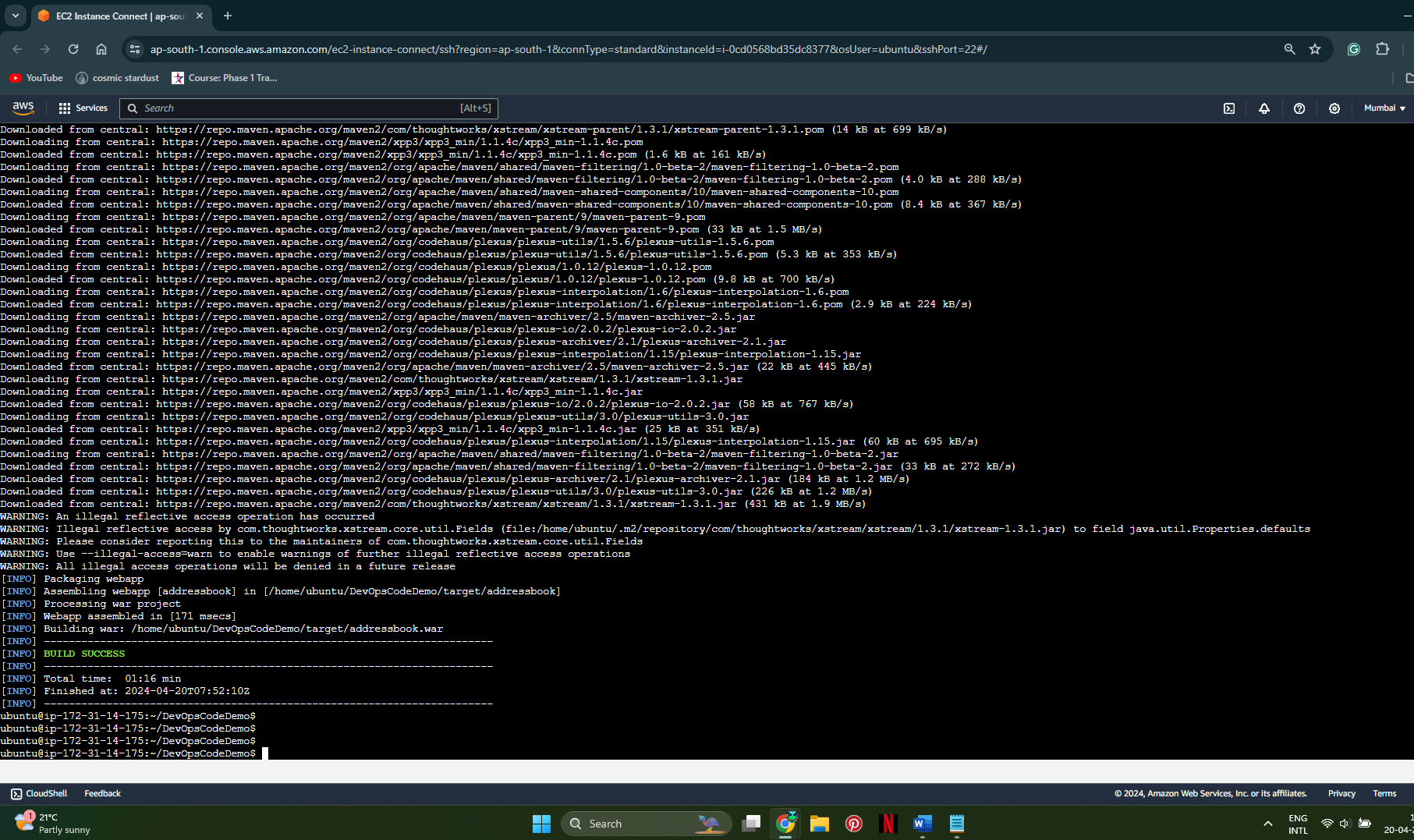
Clone the Spring Boot application



Install maven

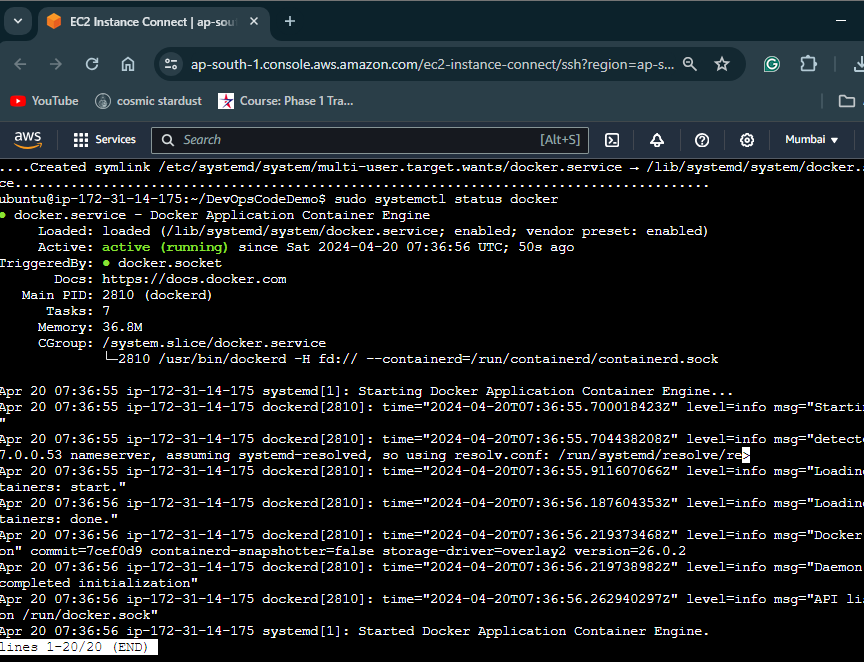


Build the application using Maven

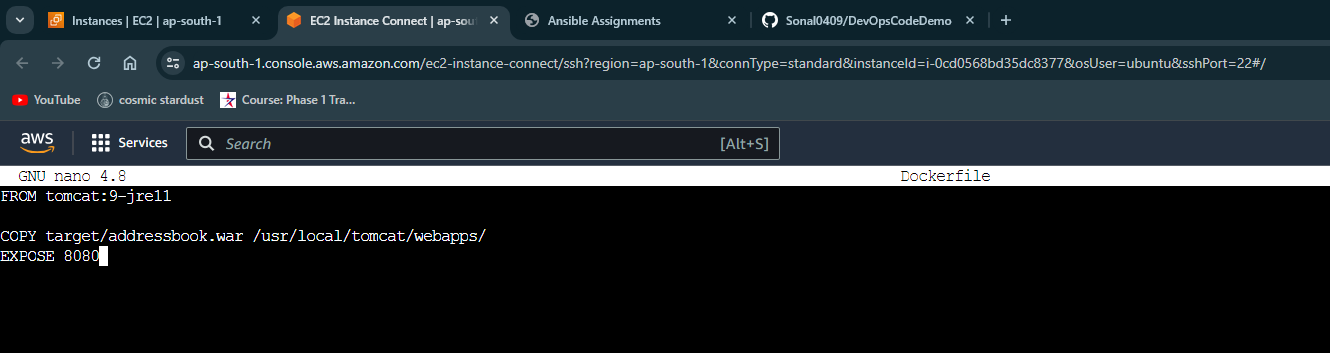


1. **Containerize the Spring Boot Application**:

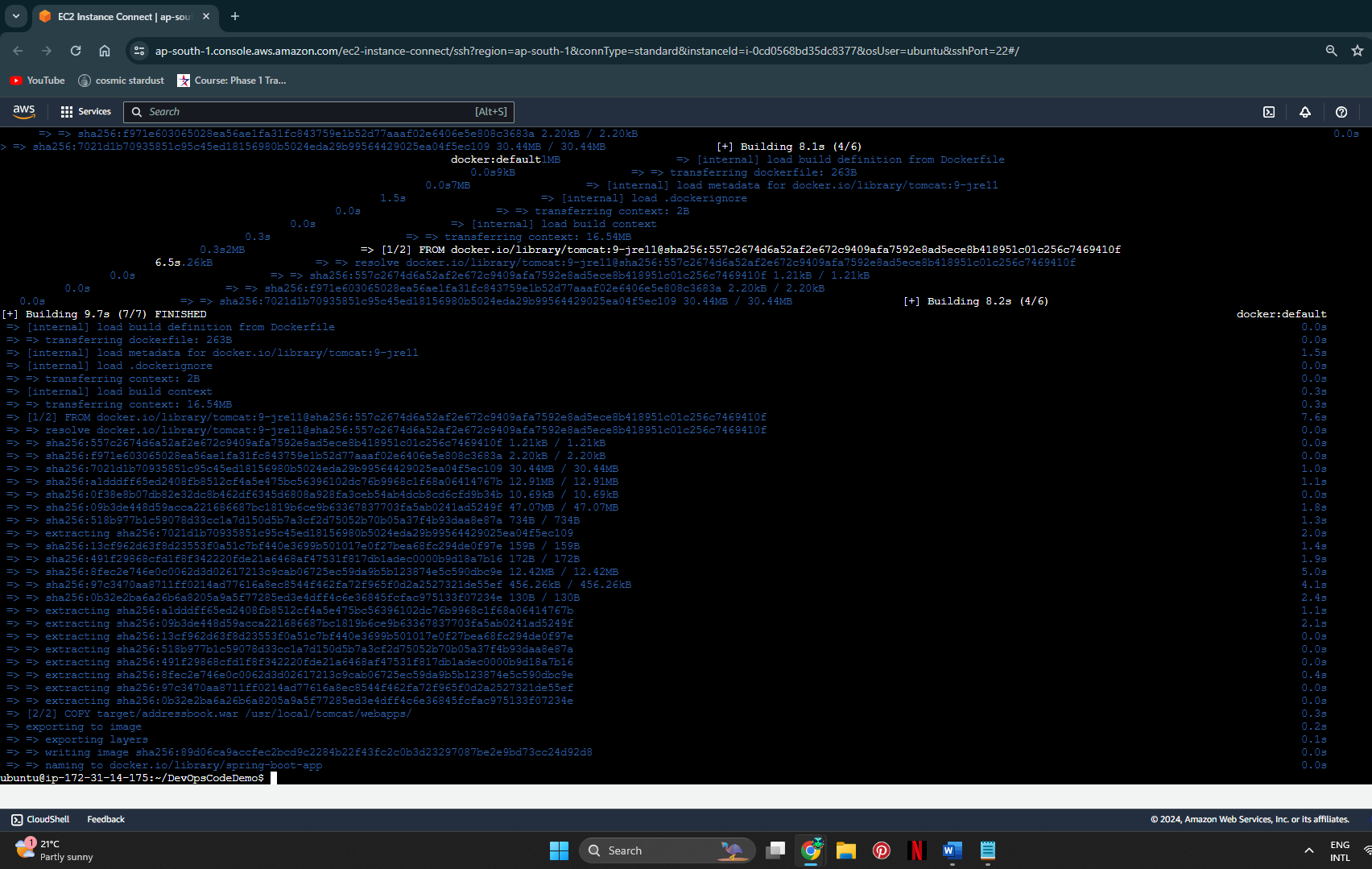
**Install docker**



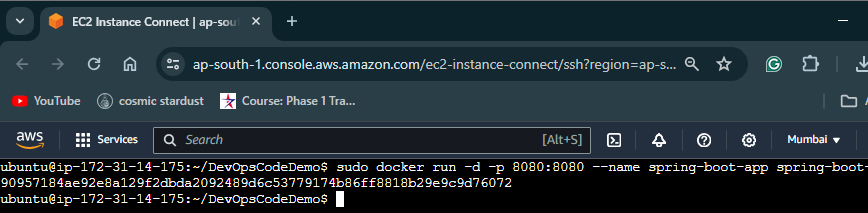
Write a Dockerfile



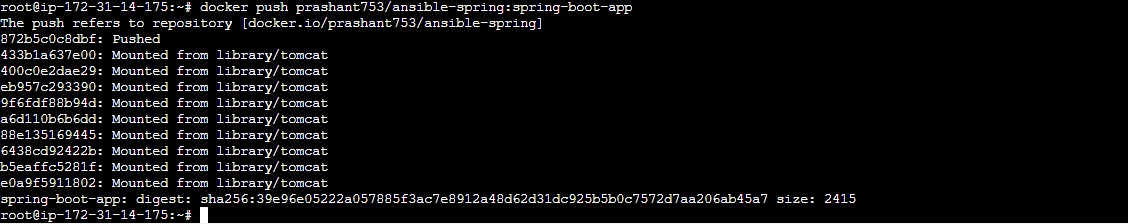
Build the Docker image



Run the docker image



Push the Docker image to Docker Hub:

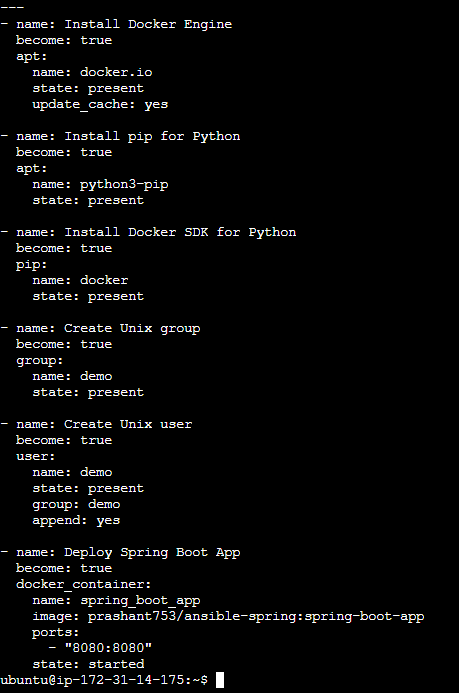


1. **Write an Ansible Role**:

Create an Ansible role

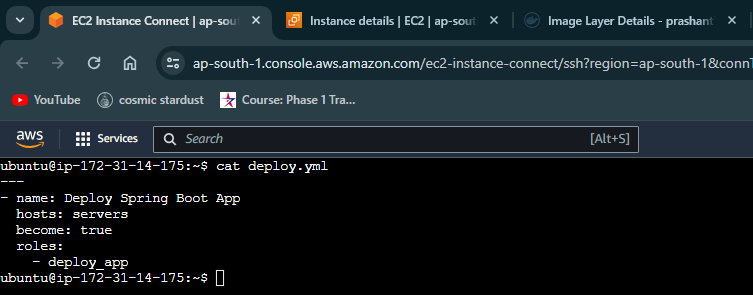


Define tasks in the main.yml

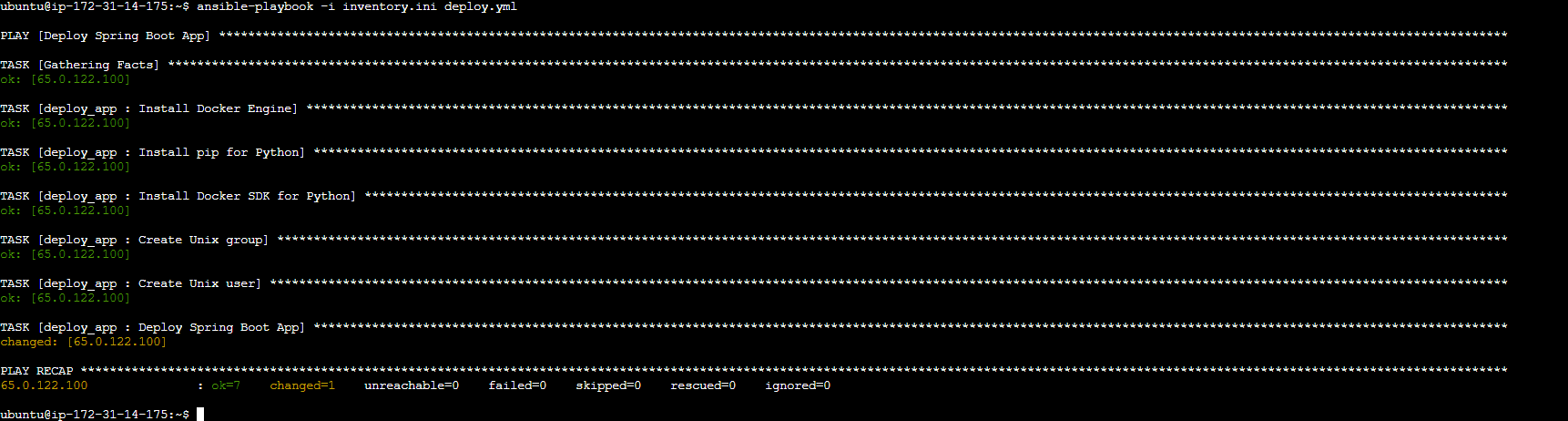


1. **Write a Playbook**:

Create a playbook **deploy.yml**



1. **Run the Playbook**:



1. **Verify the Application**:

Access the application in the browser using the public IP address of the instance where the Spring Boot app is deployed using ansible

