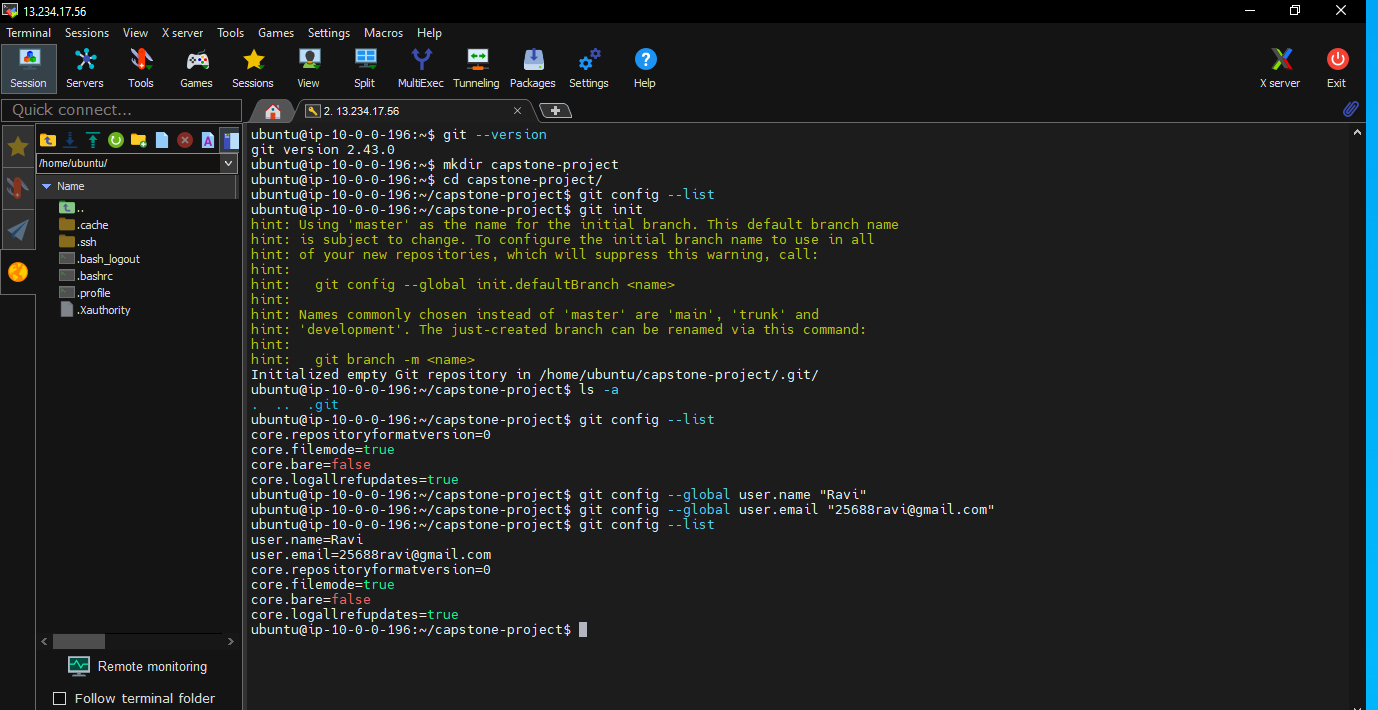
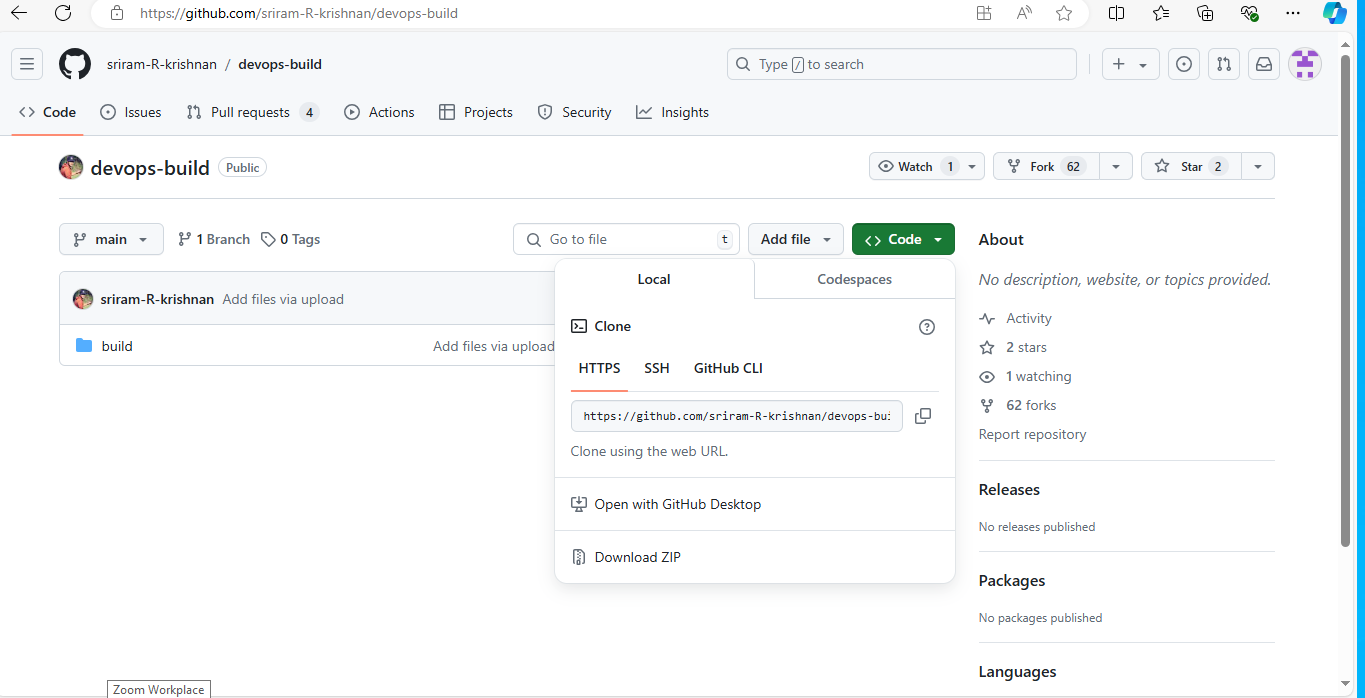
**CAPSTONE PROJECT – REACT APPLIACTION DEPLOYMENT**

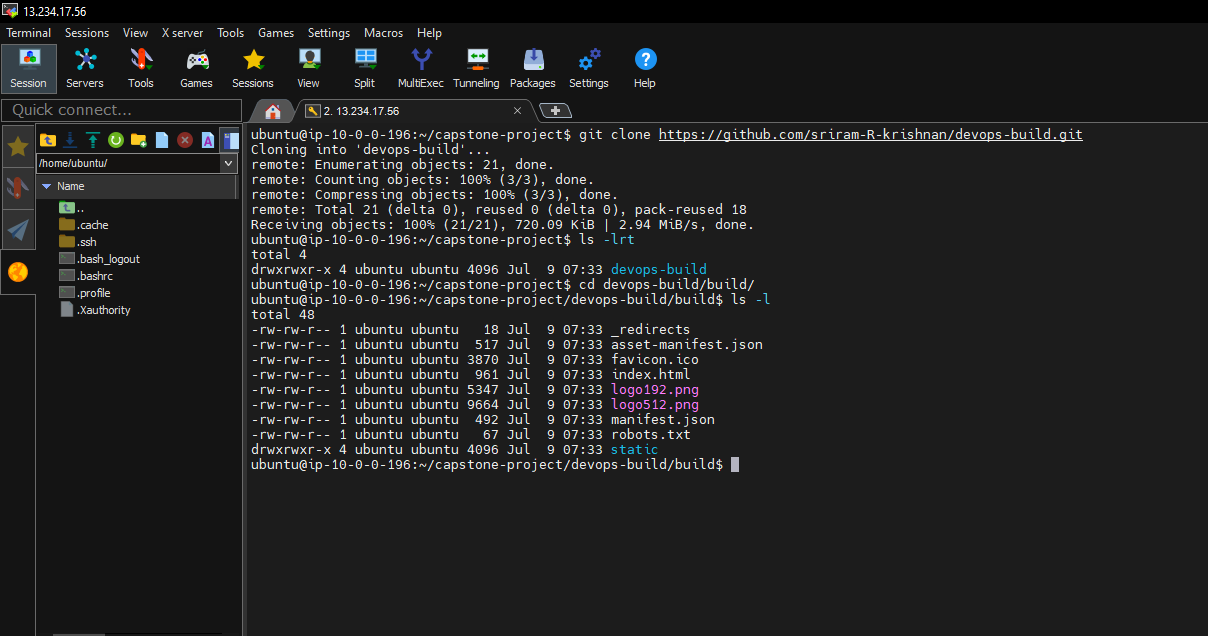
1. **APPLICATION**
2. Configuring git in Ubuntu server



1. Copying the github repo URL <https://github.com/sriram-R-krishnan/devops-build>

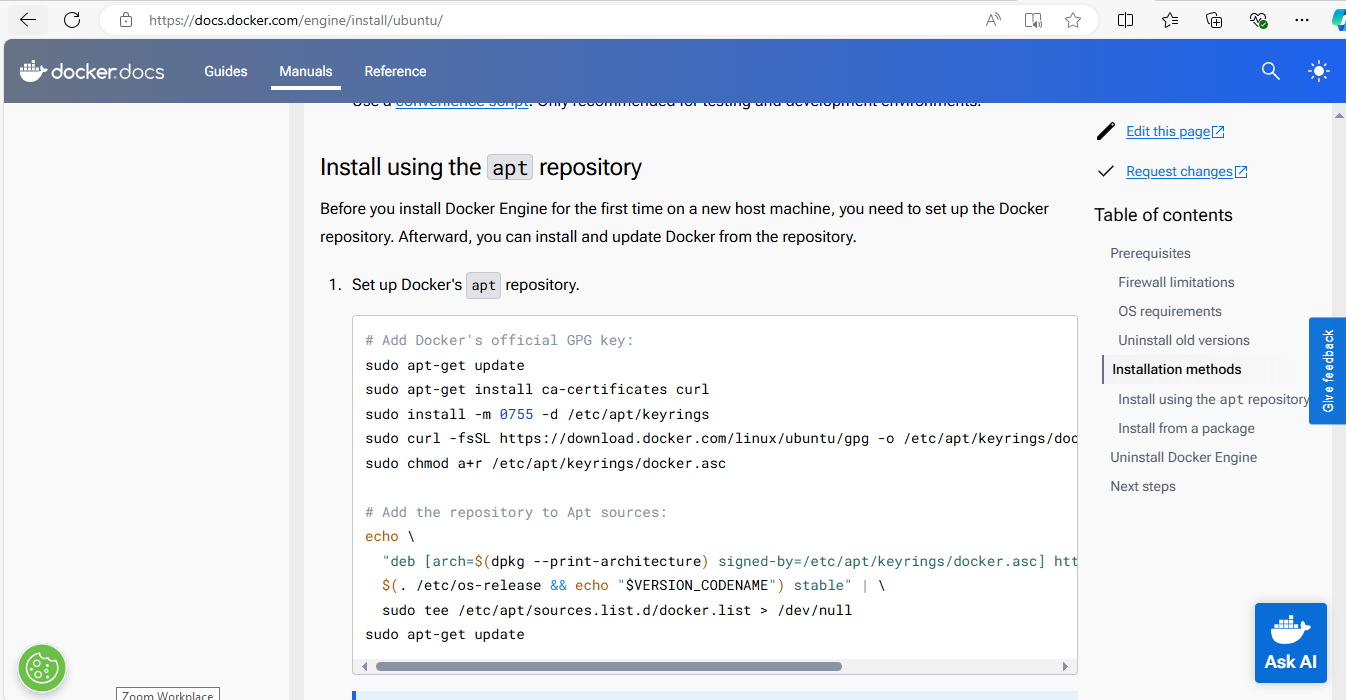


1. Cloning the github Repo URL

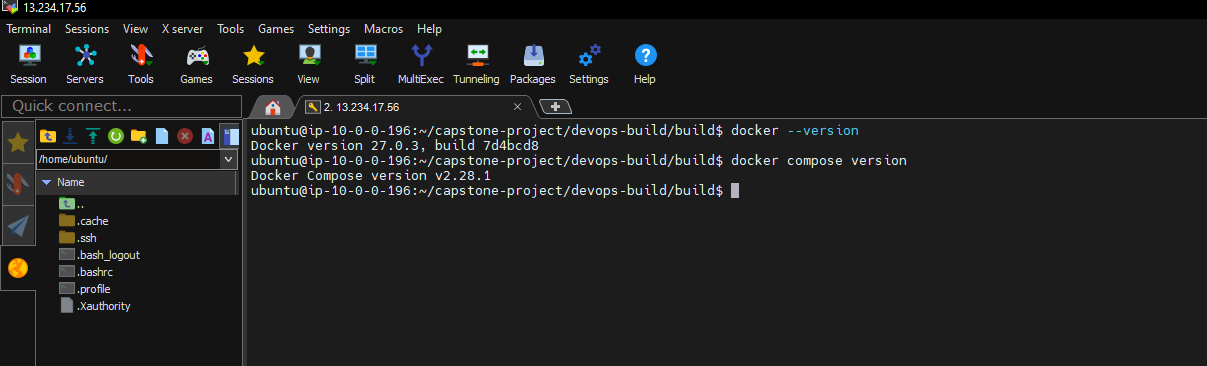


1. **Docker:**

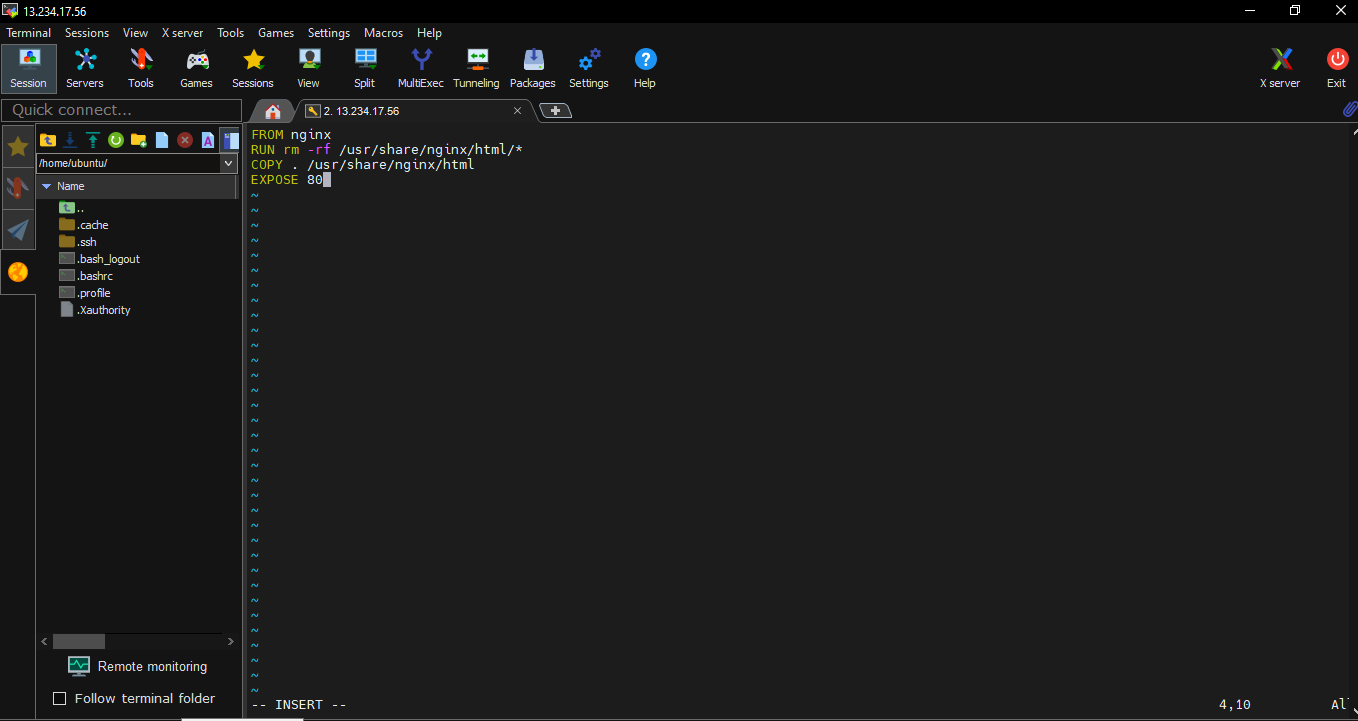
1. Installing docker in Ubuntu server by docker official documentation

****

1. Docker and docker compose installation done successfully

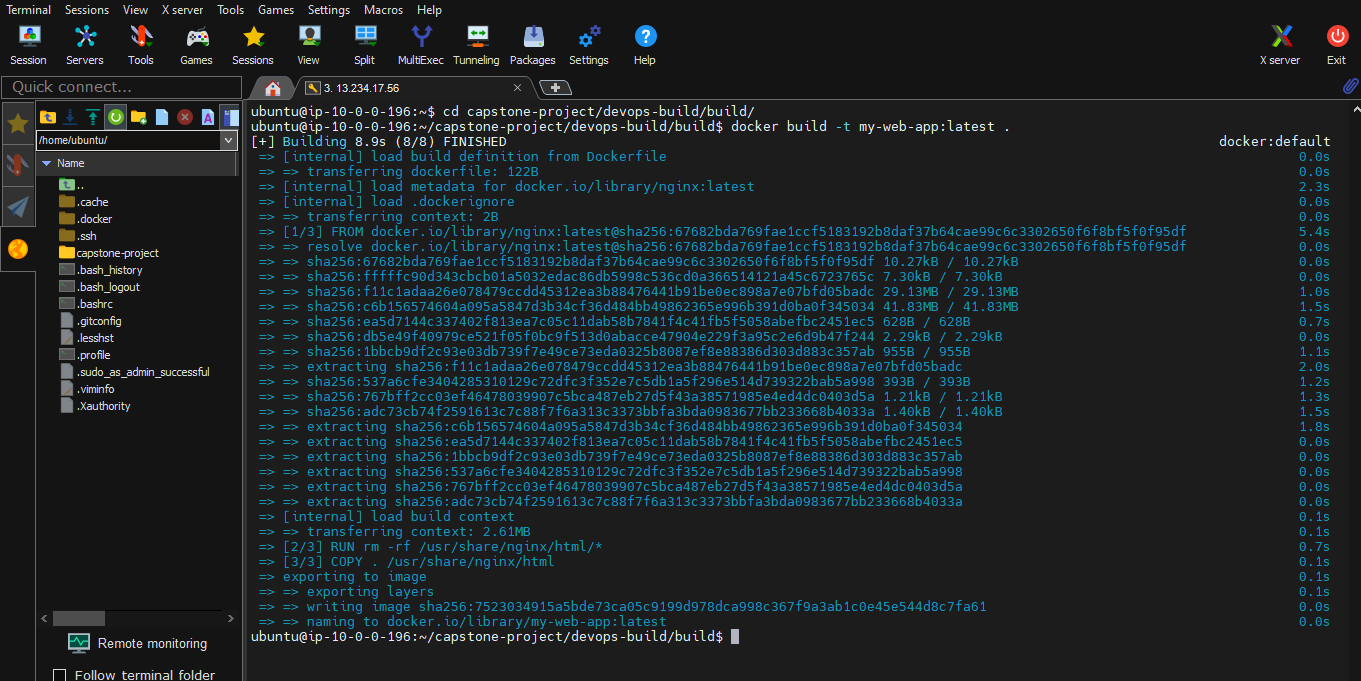
****

1. Creating a Dockerfile by the command vi Dockerfile

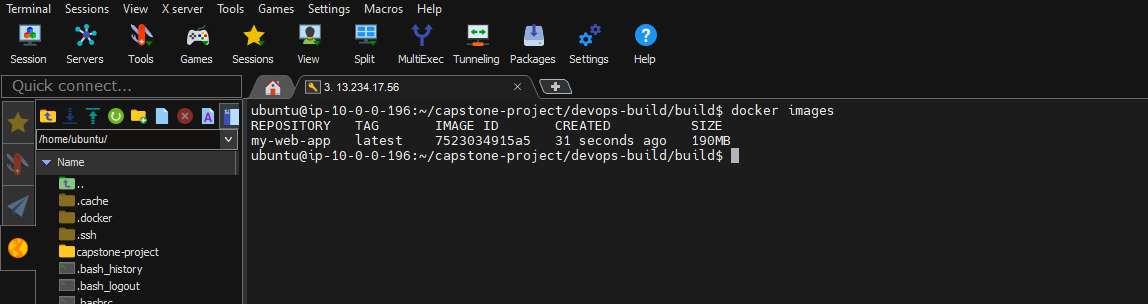
****

1. Building a docker image from the dockerfile by the command

docker build –t <imagname>:tagname

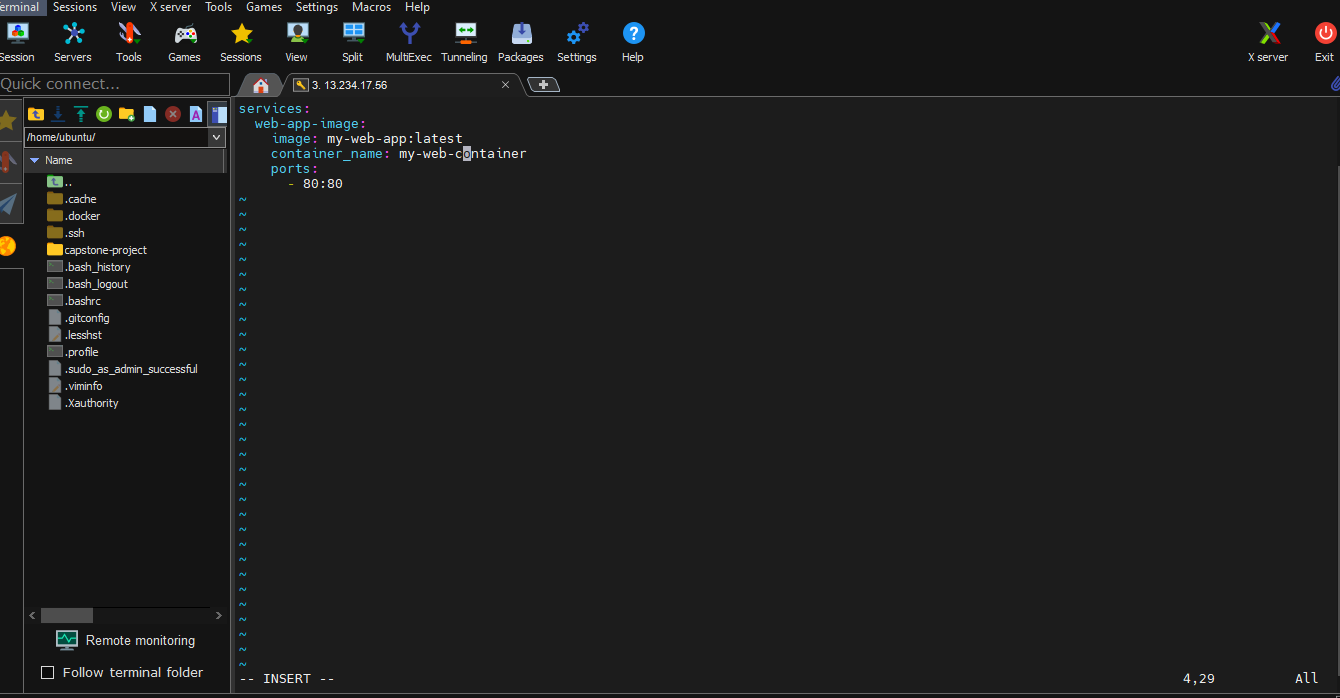


1. Docker image has been created

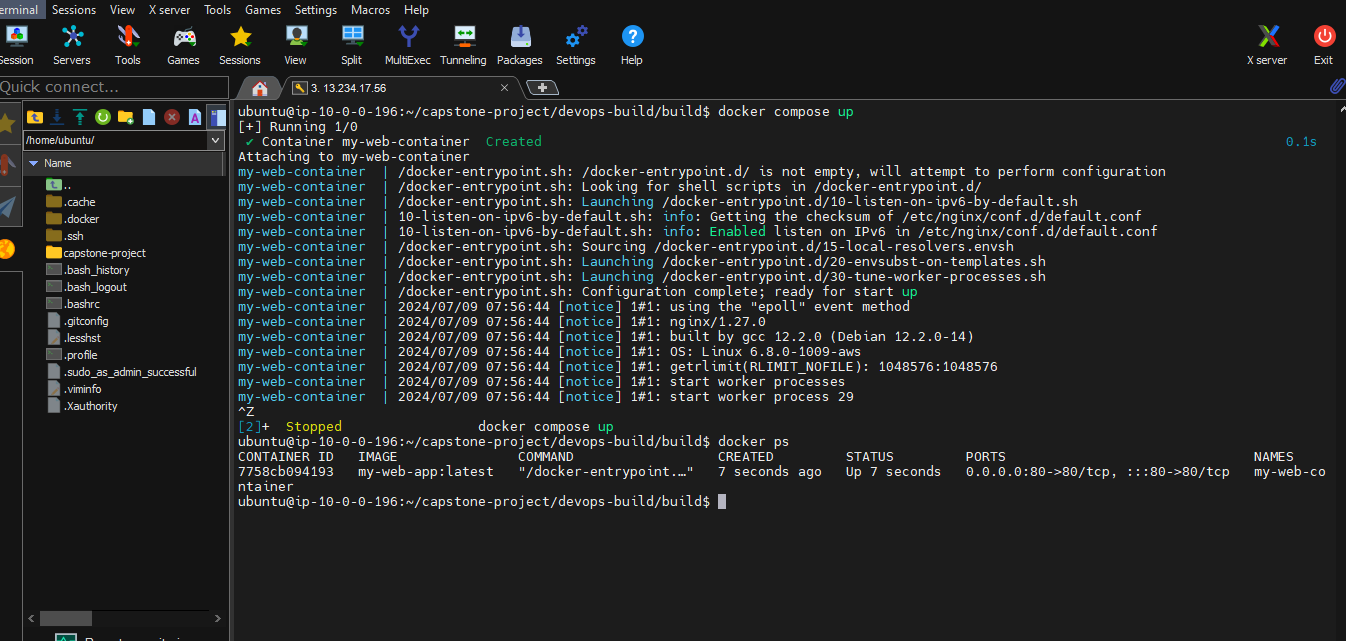


1. Creating a docker compose file by the command

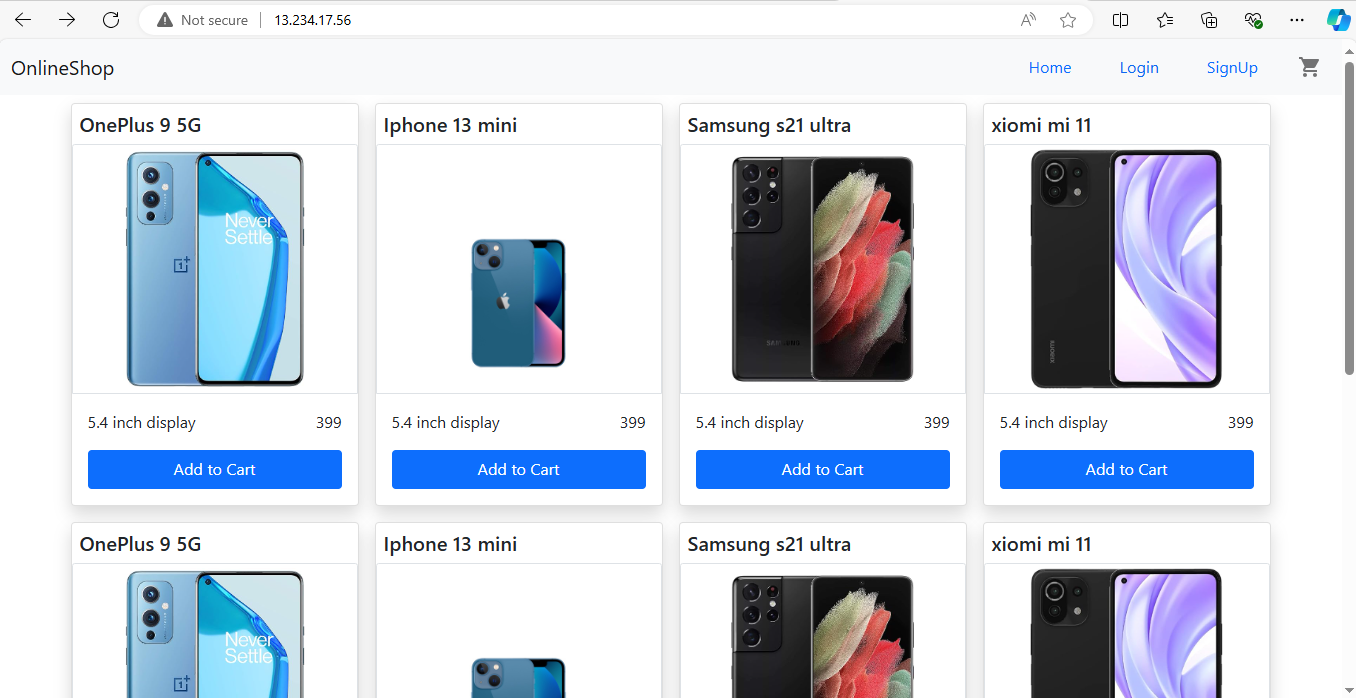
vi docker-compose.yml



1. Running the docker compose file



1. Successfully dockercompose is working and web URL page is opend

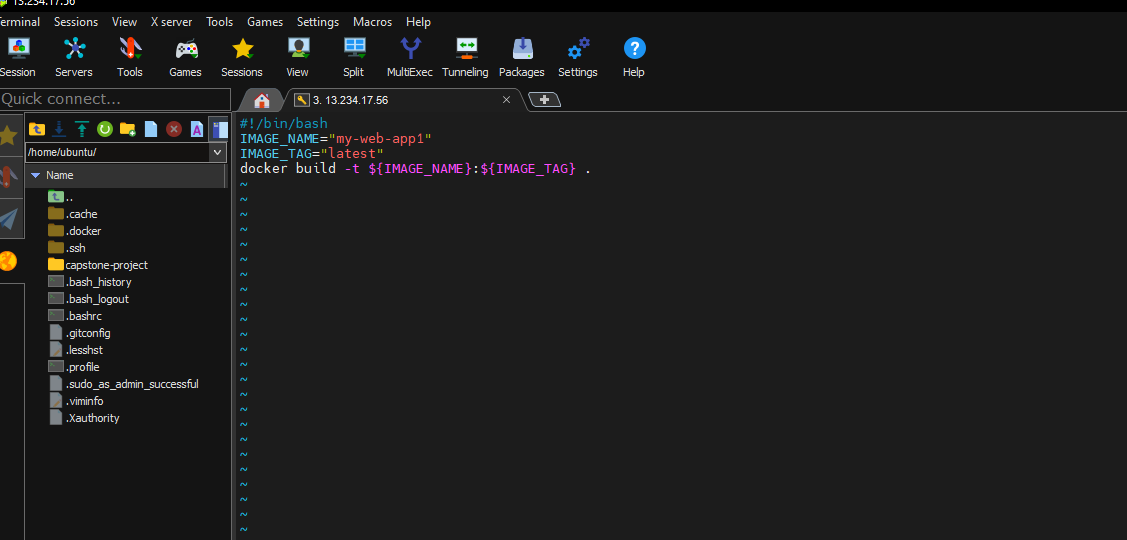


1. **Bash Scripting**

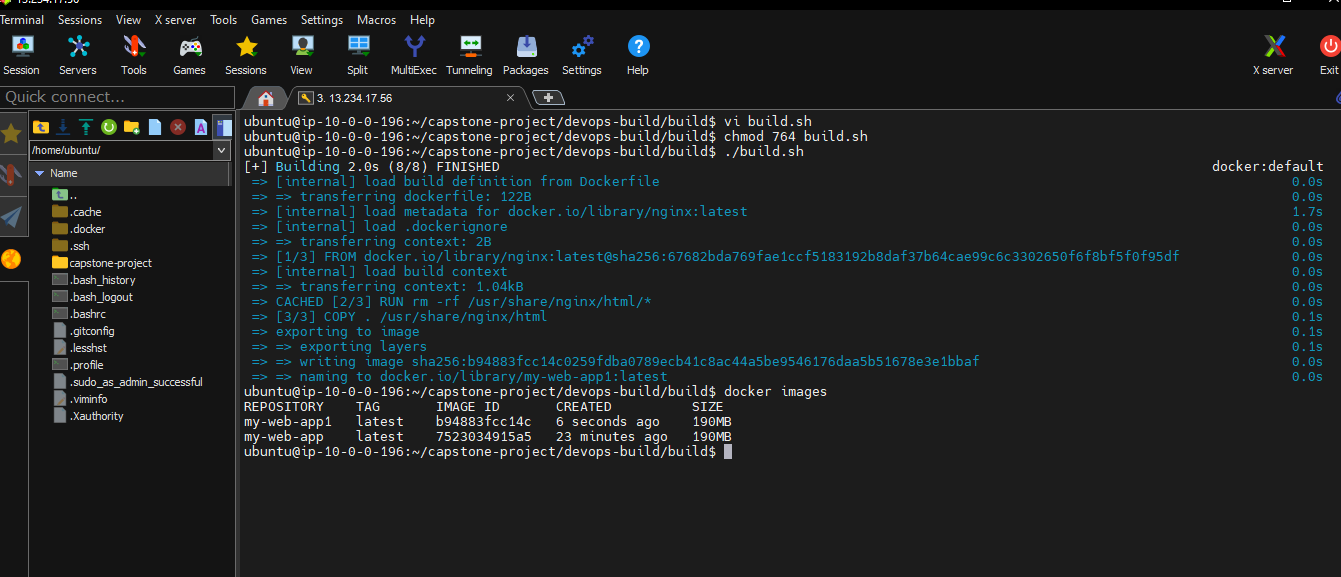
Writing 2 script files build.sh for building docker images and deploy.sh to deploy the dockerimage to server.

1. Writing build.sh script file

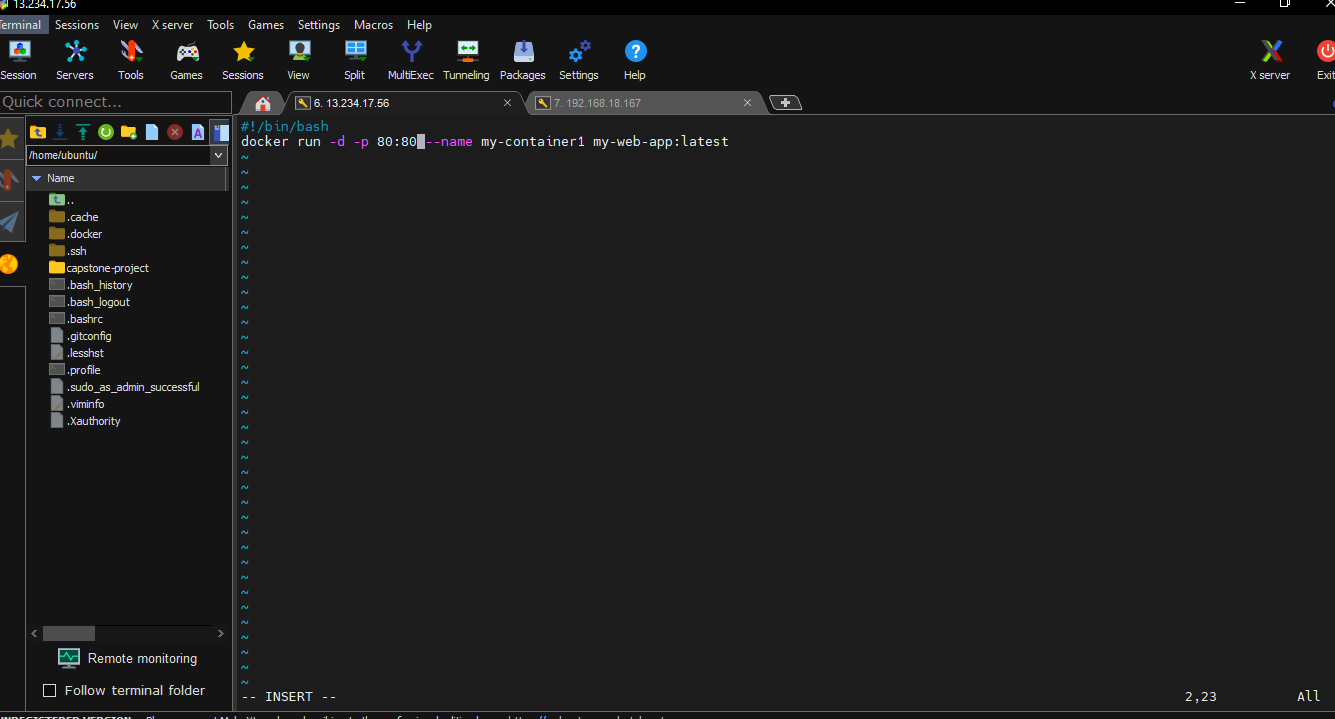
Starting by the command <vi build.sh>



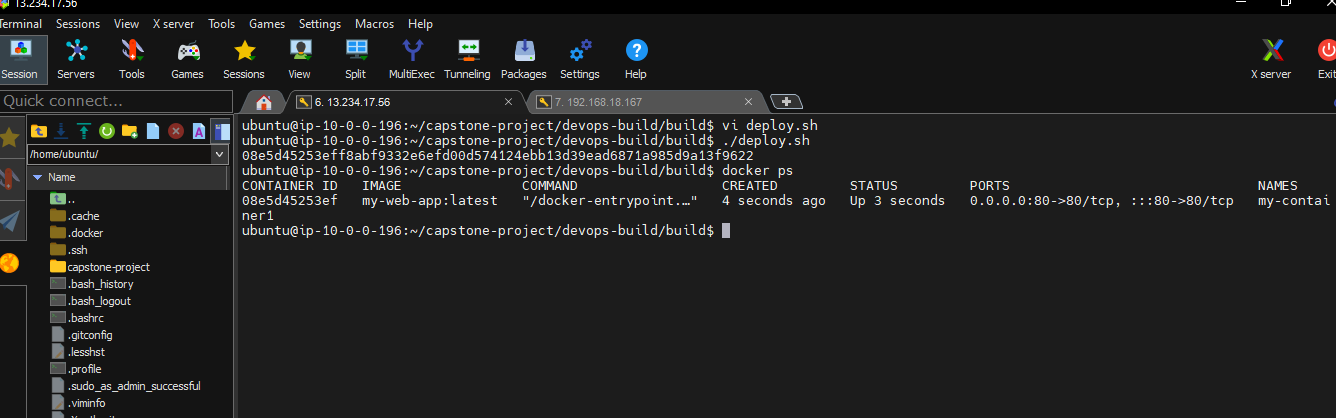
And changed the script file permission to execute the script file and executed script file and display by the command docker images



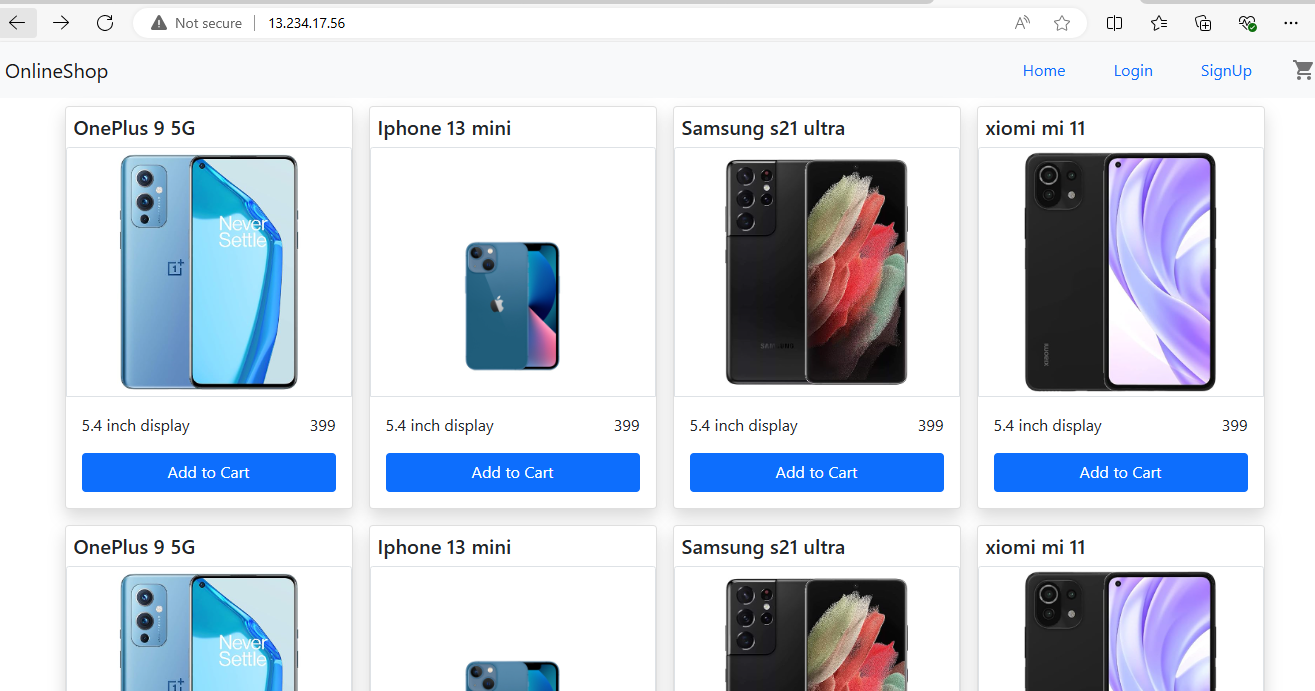
1. Writing the deploy.sh script by the command vi deploy.sh



And changed the permission and deploy the script file written for deployment



Result of deploy script and Deployed URL



1. **Version Control:**