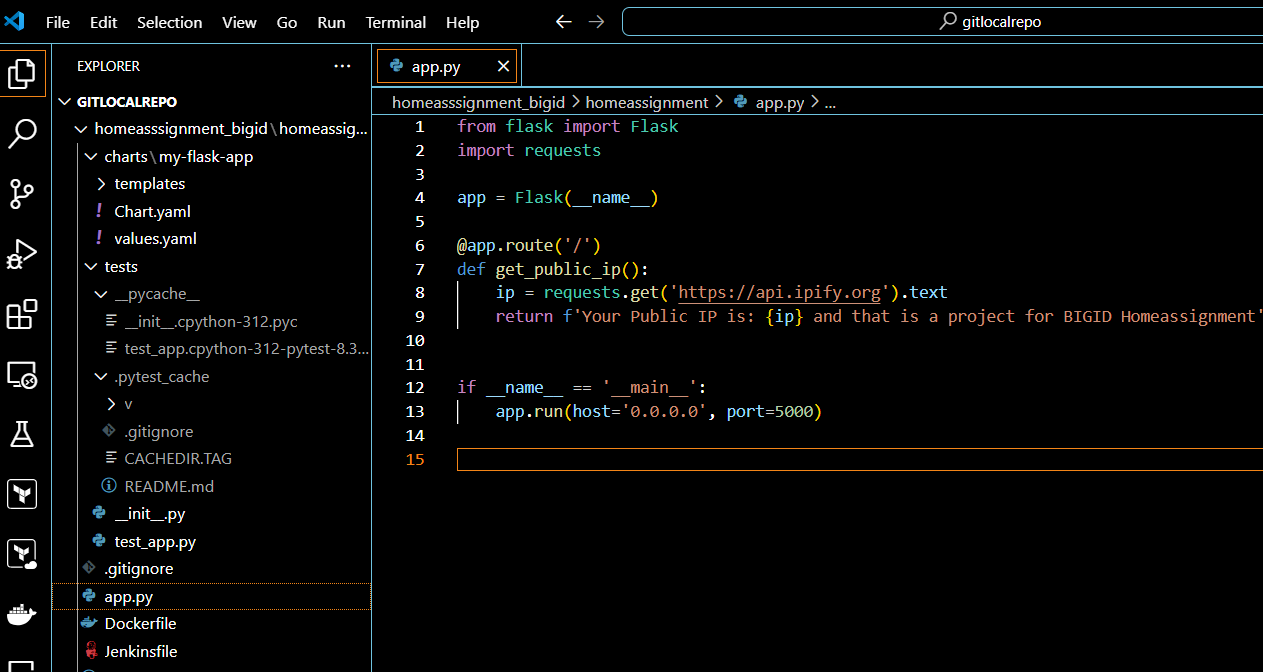
**BigID Home Assignment**

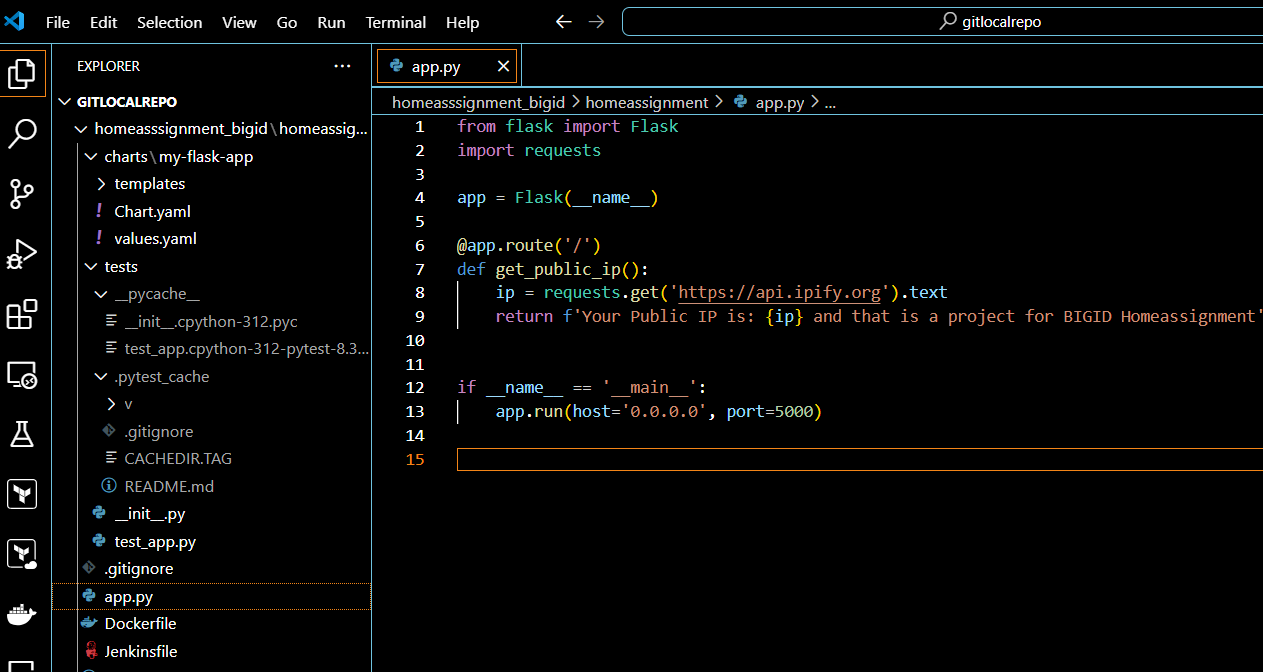
-Yeshwanthan A

GitURL: https://github.com/Yeshwanthan87/homeassignment.git

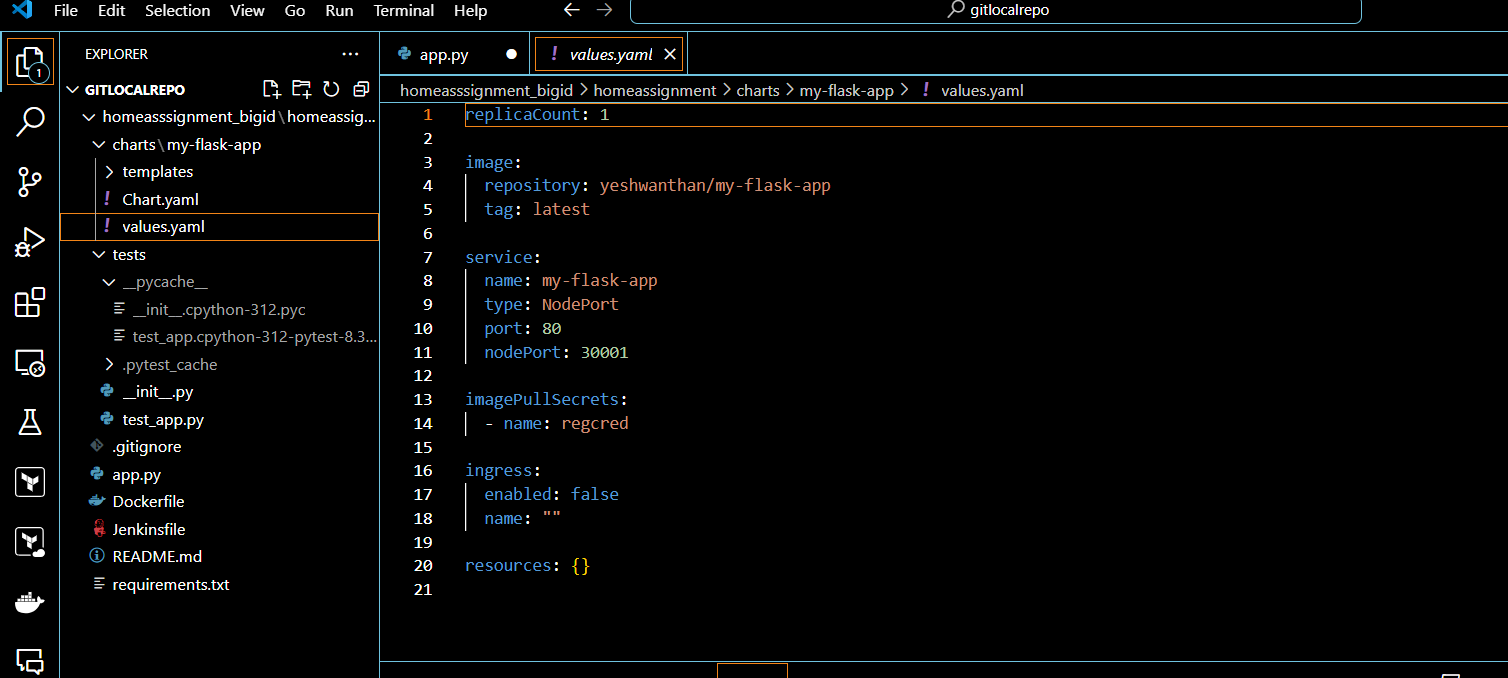
Writing app.py



Writing test case:



Writing Helm charts:



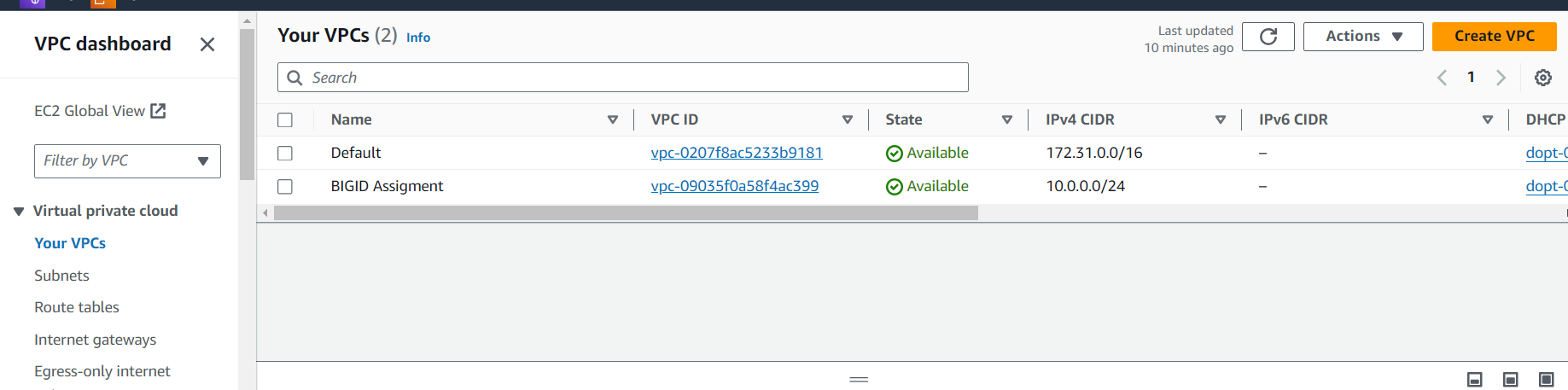
Writing Docker file:



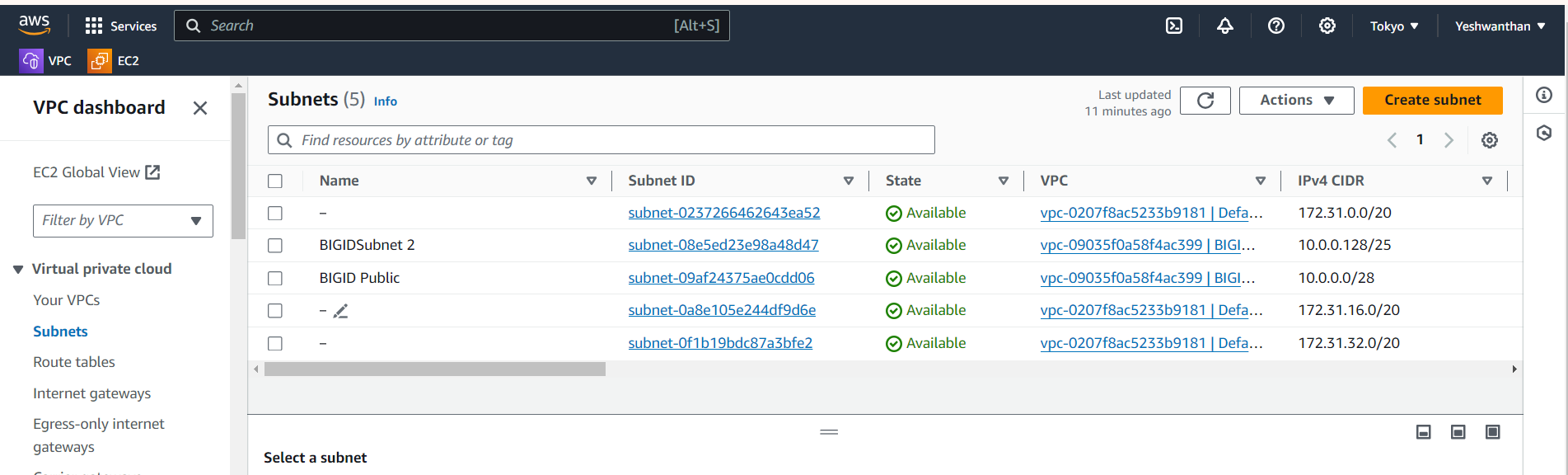
Writing Jenkins file:



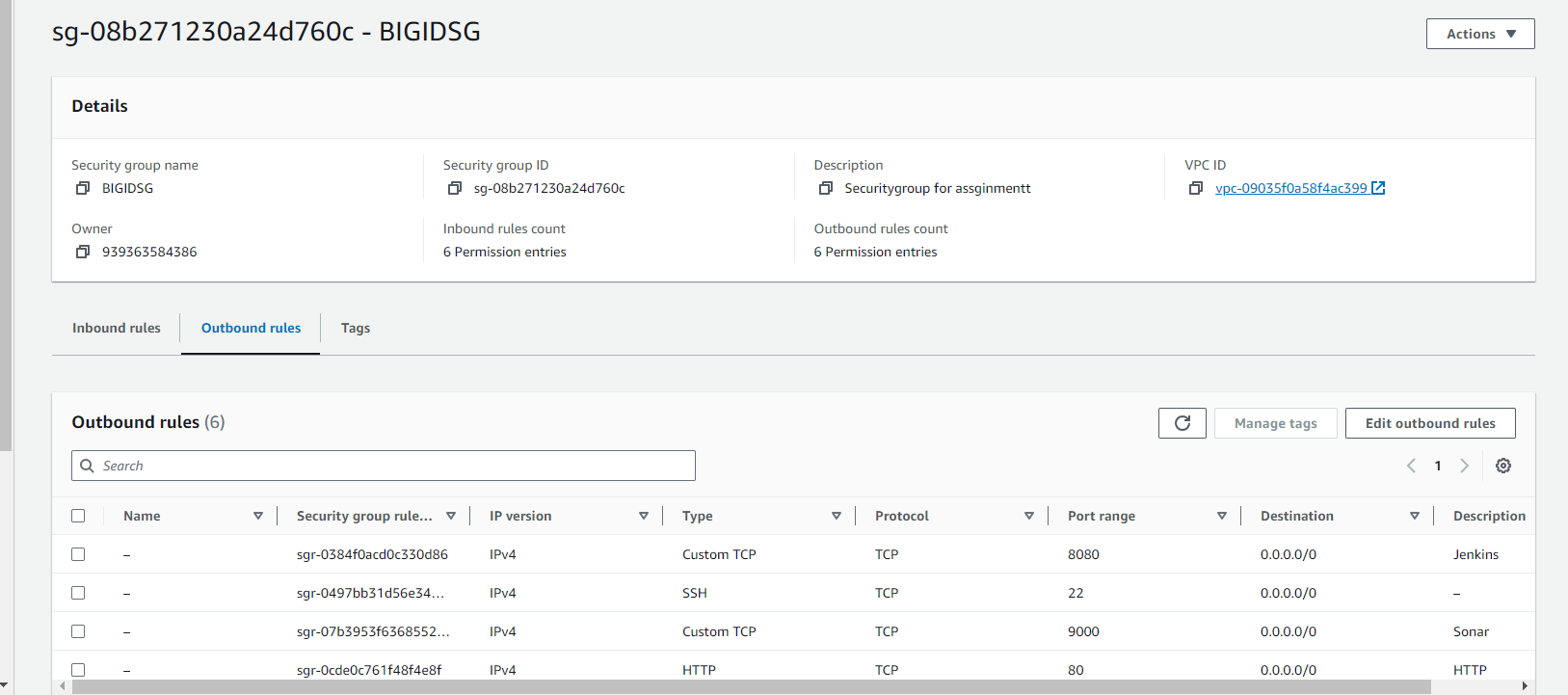
Creating VPC in AWS

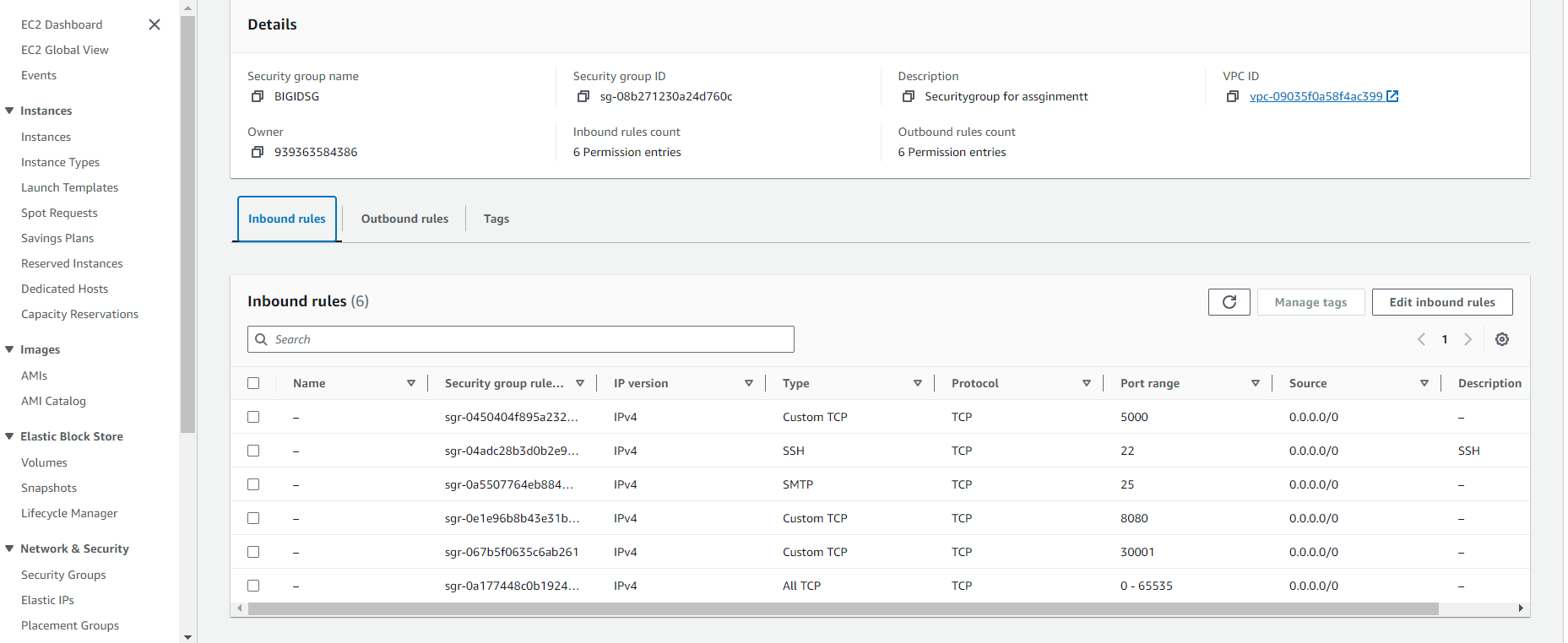


Creating Subnets

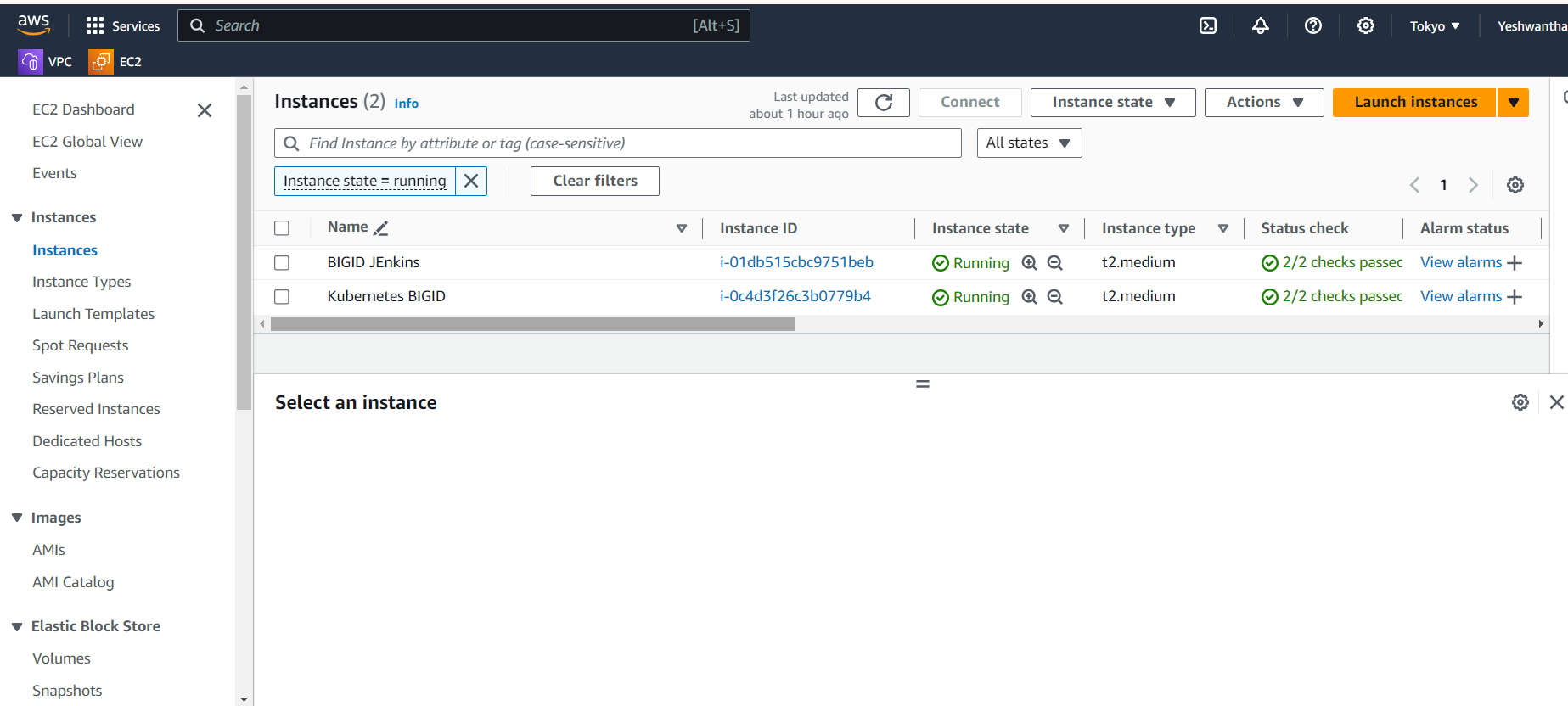


Creating Security Groups

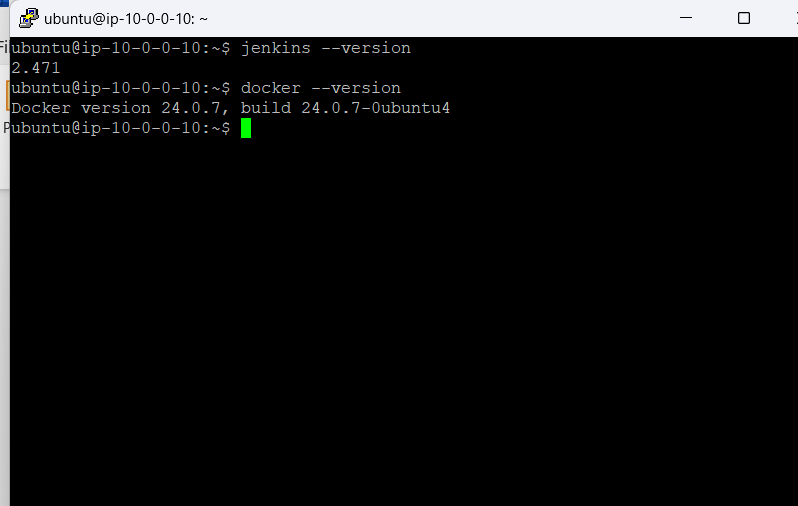




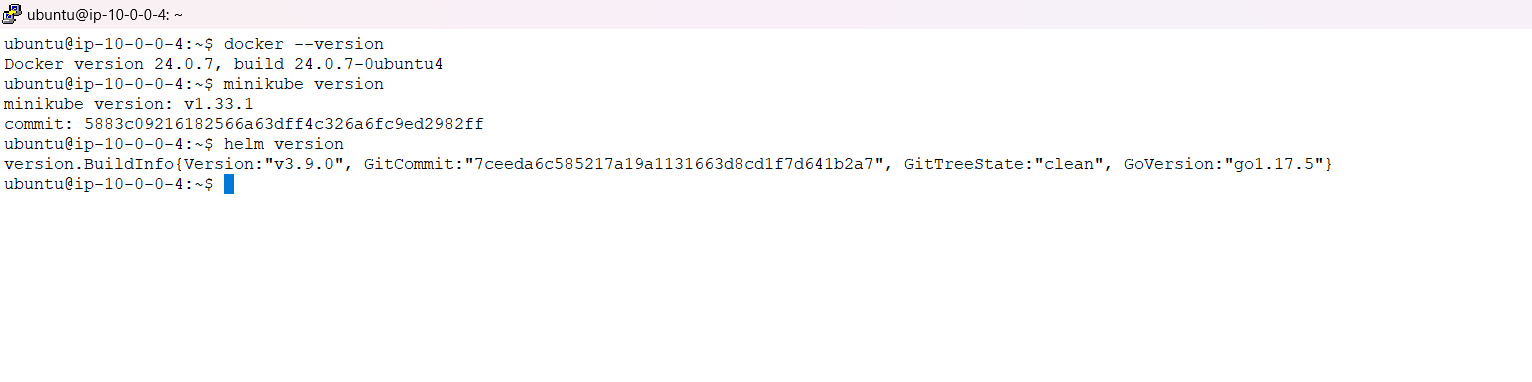
EC2



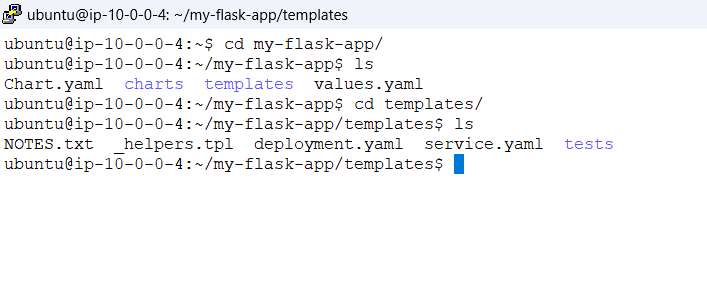
Logging in ec2 and installing Jenkins and Docker



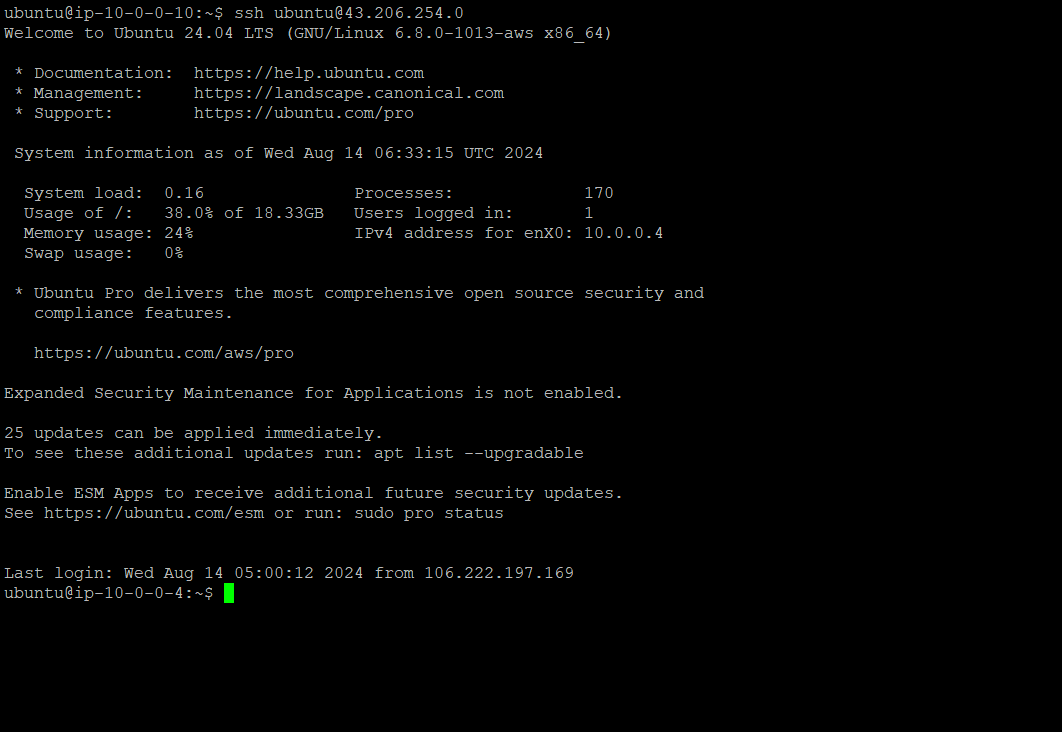
Logging in Kubernetes BIGID and installing miniqube, docker, Helm



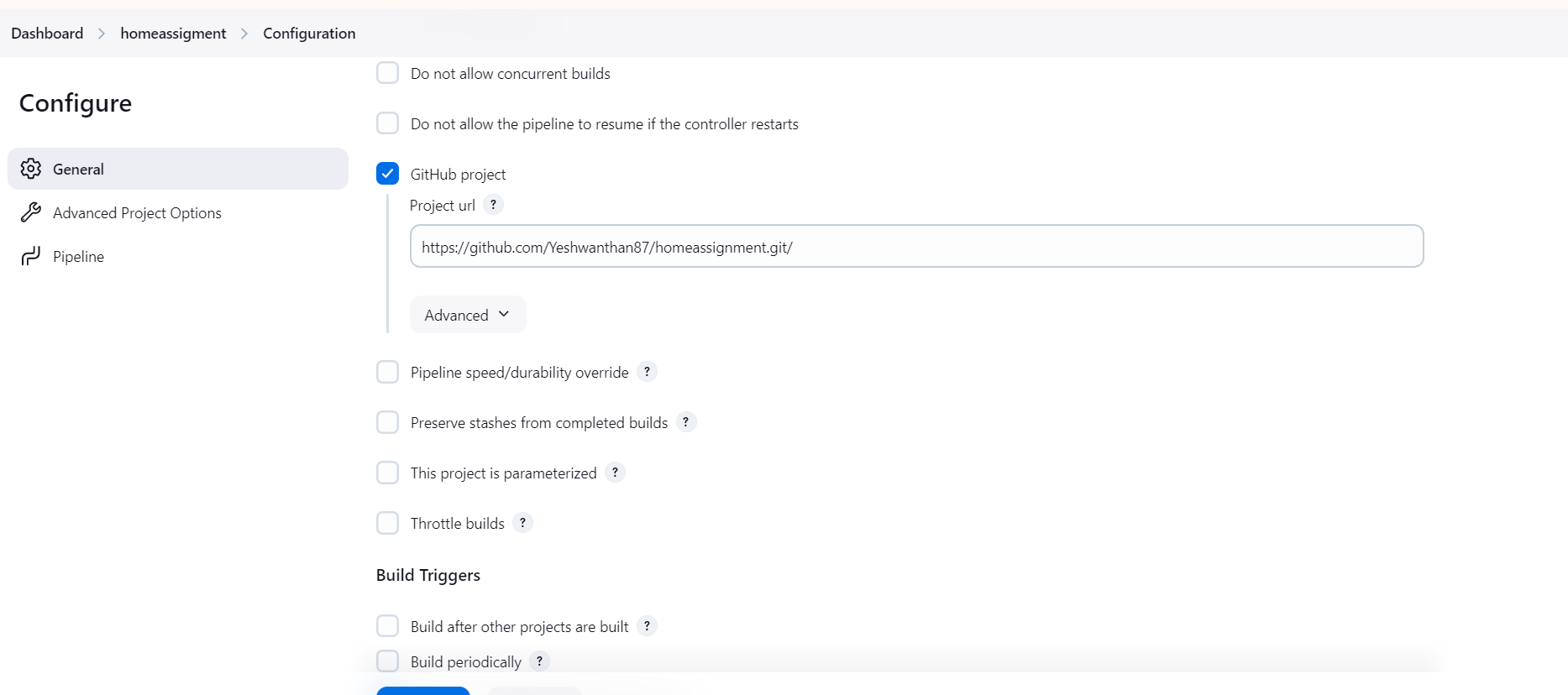
Placing helm charts in miniqube Kubernetes

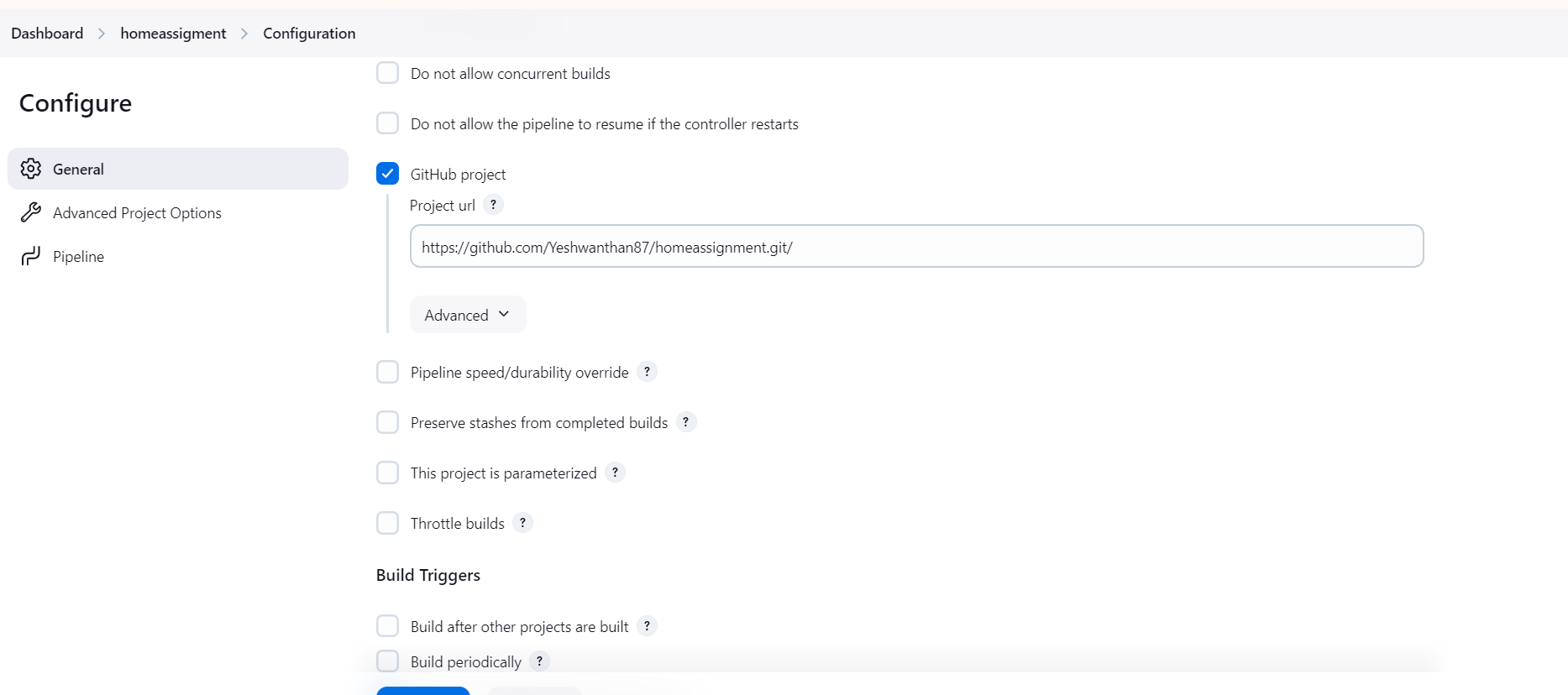


Creating SSH connecting between the EC2 machines

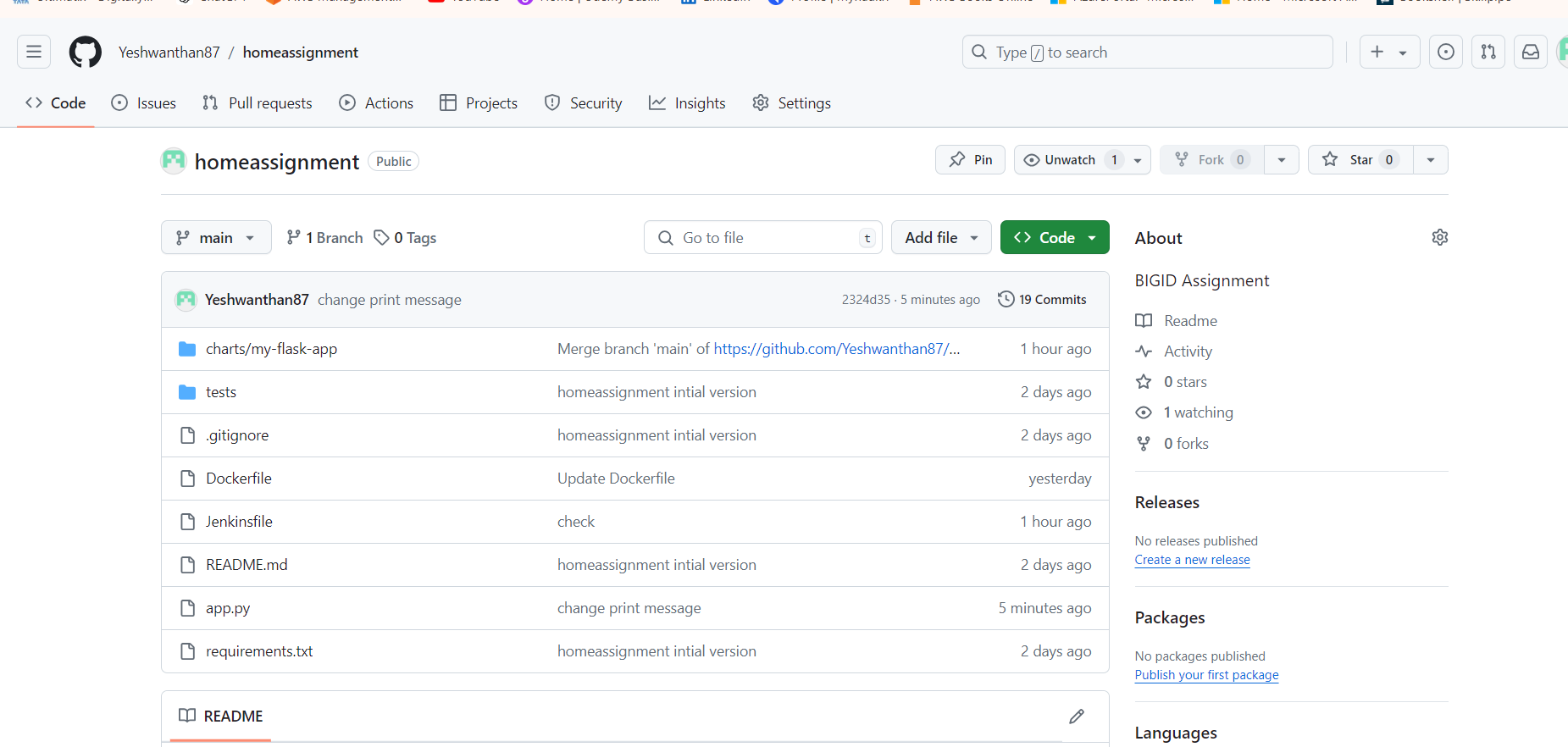


Configure Jenkins and install Plugins

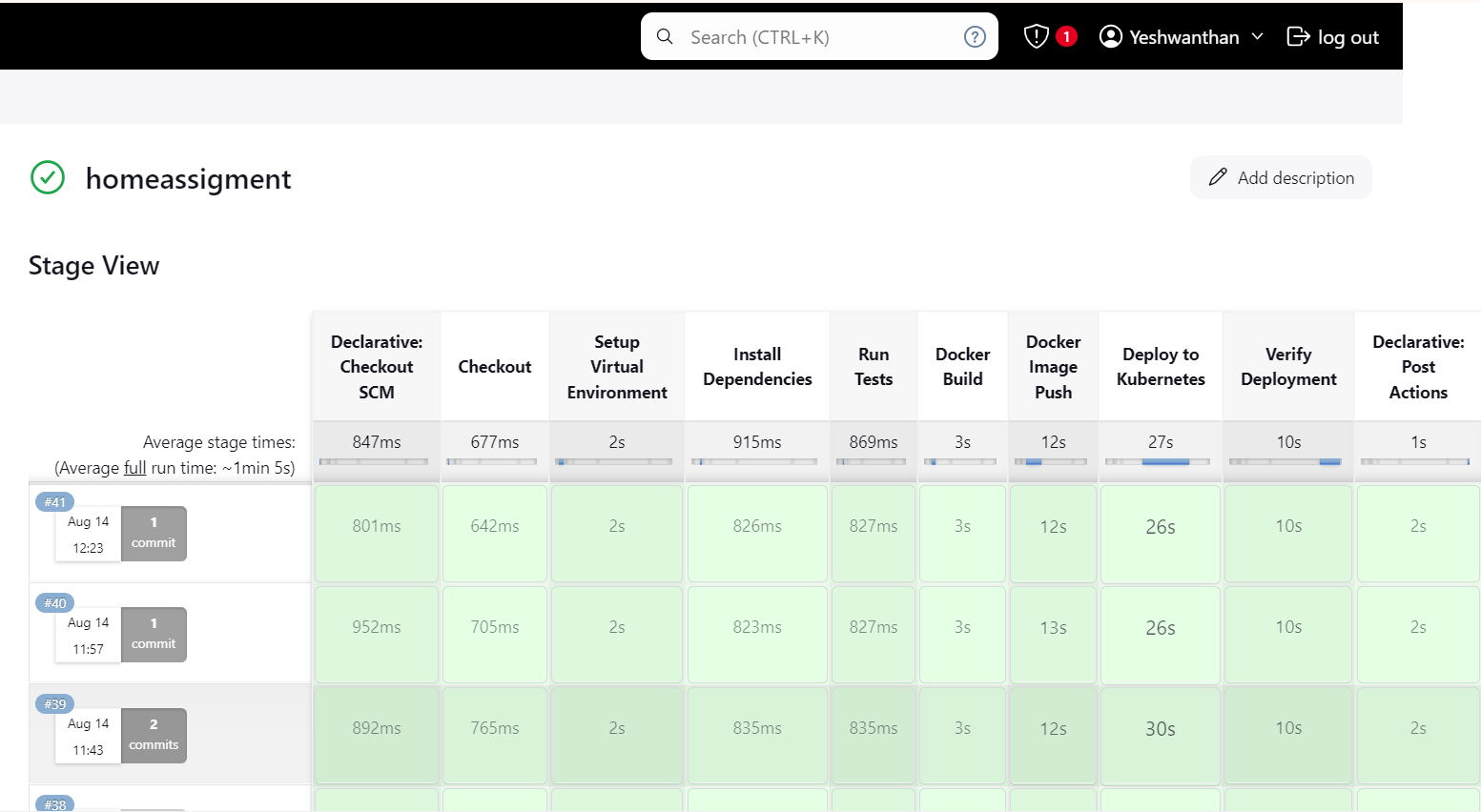




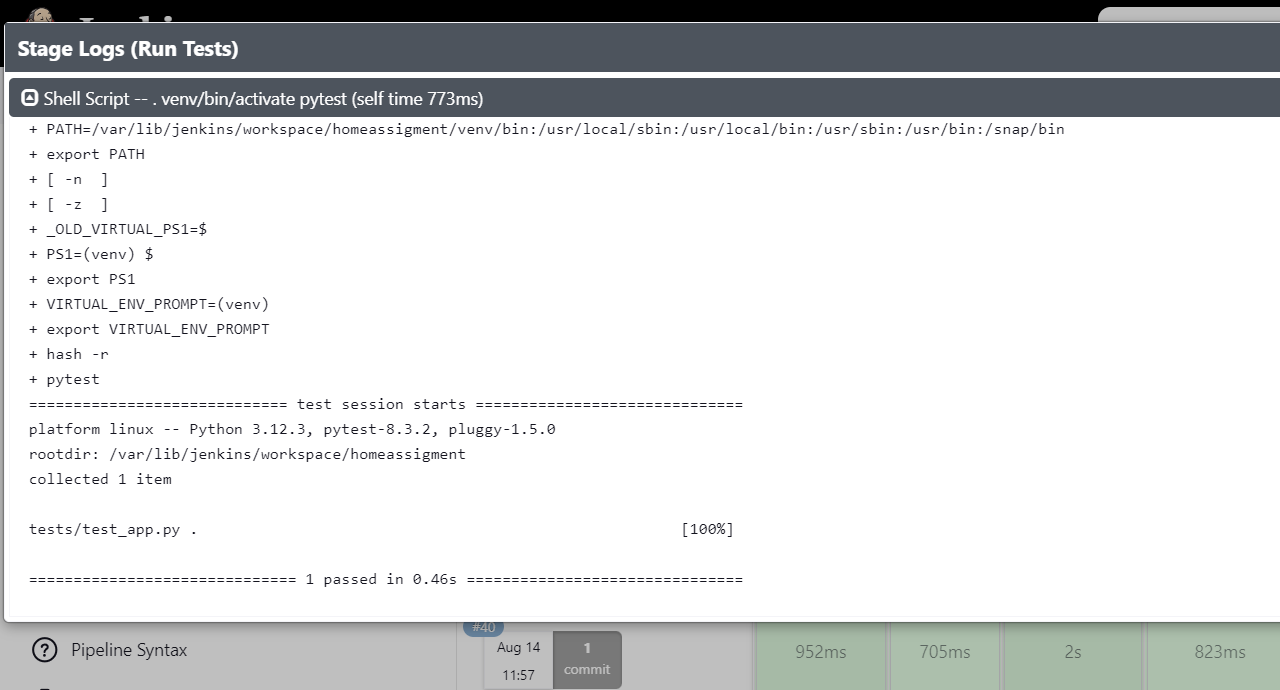
Check and push the code to git repo:



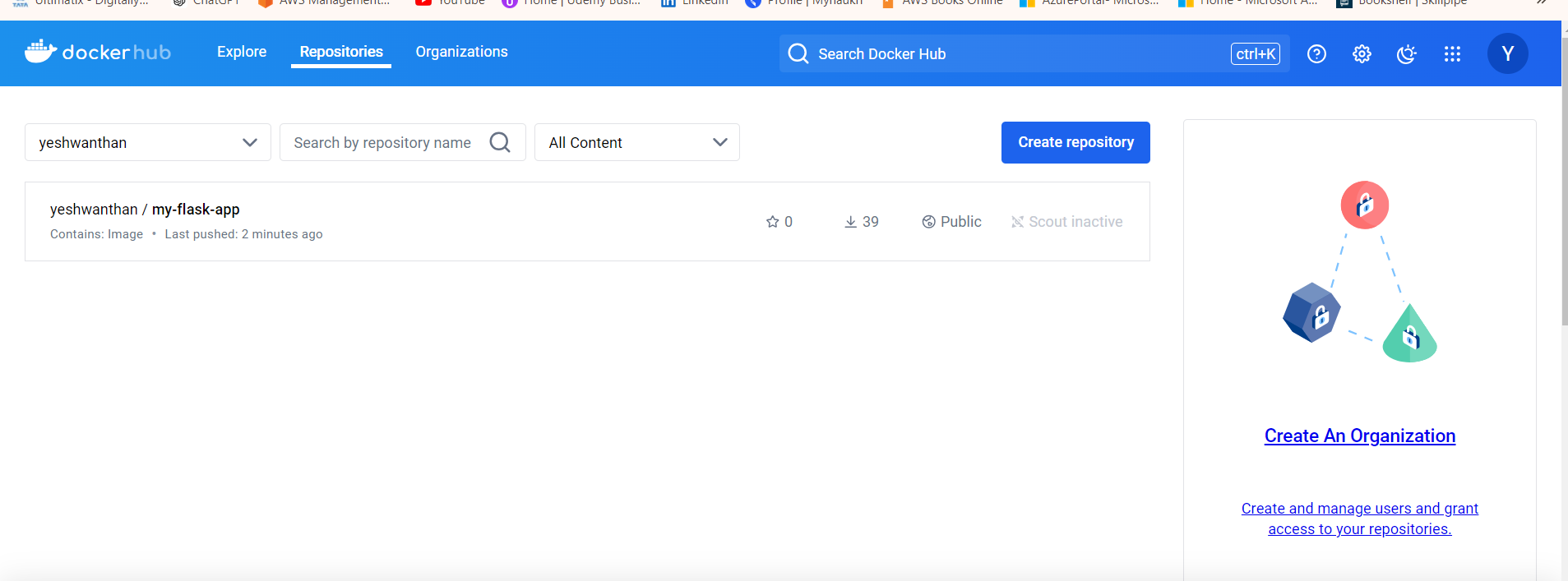
Check the Jenkins run stages:



Check for untitest cases passed:



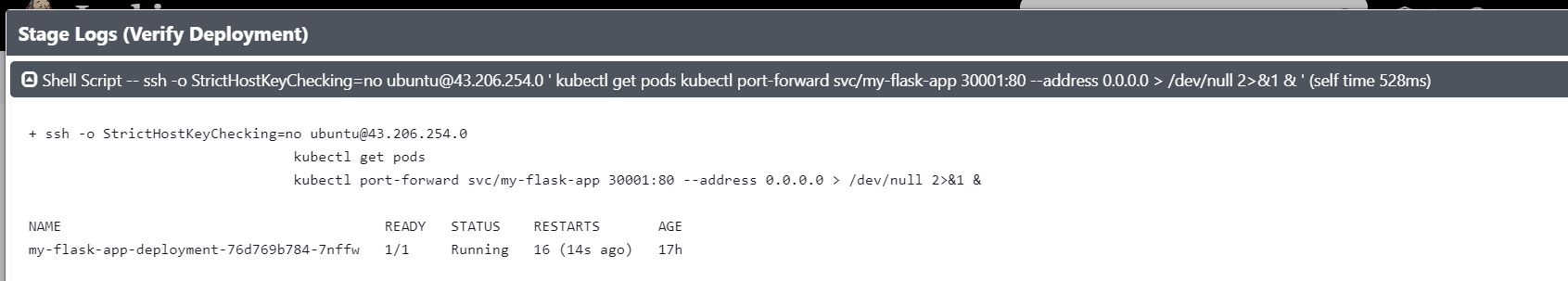
Check the docker hub for image pushed:



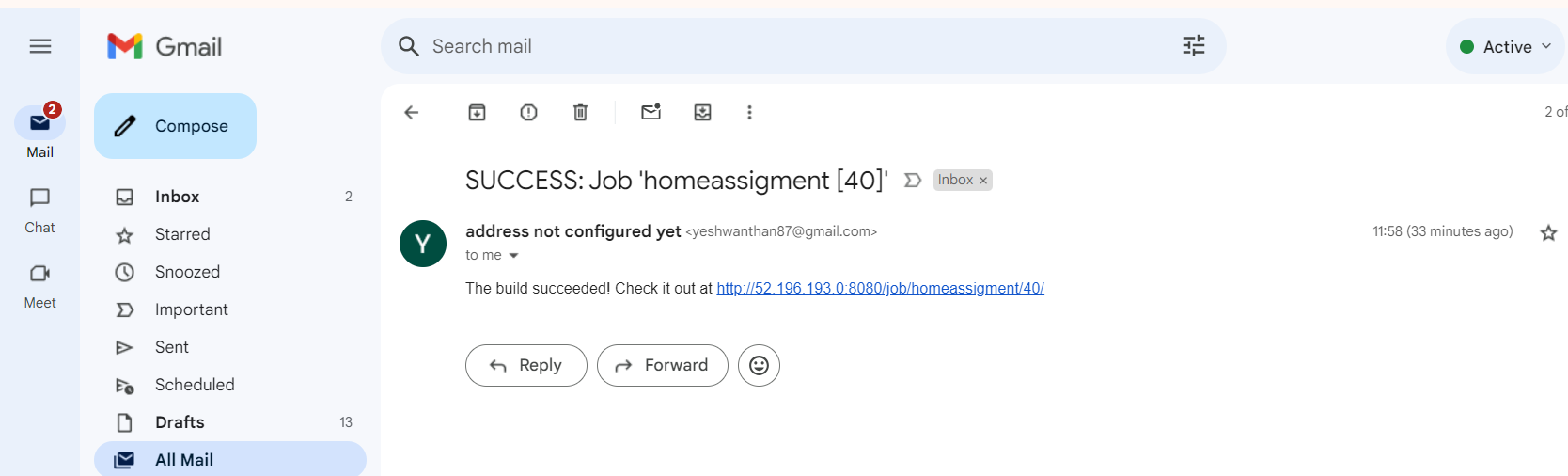
Check for Deployment stage status in Jenkins pipeline



Check for Pod status



Check for email for post actions for pipeline stage:



Finally, Check for the application deployed: