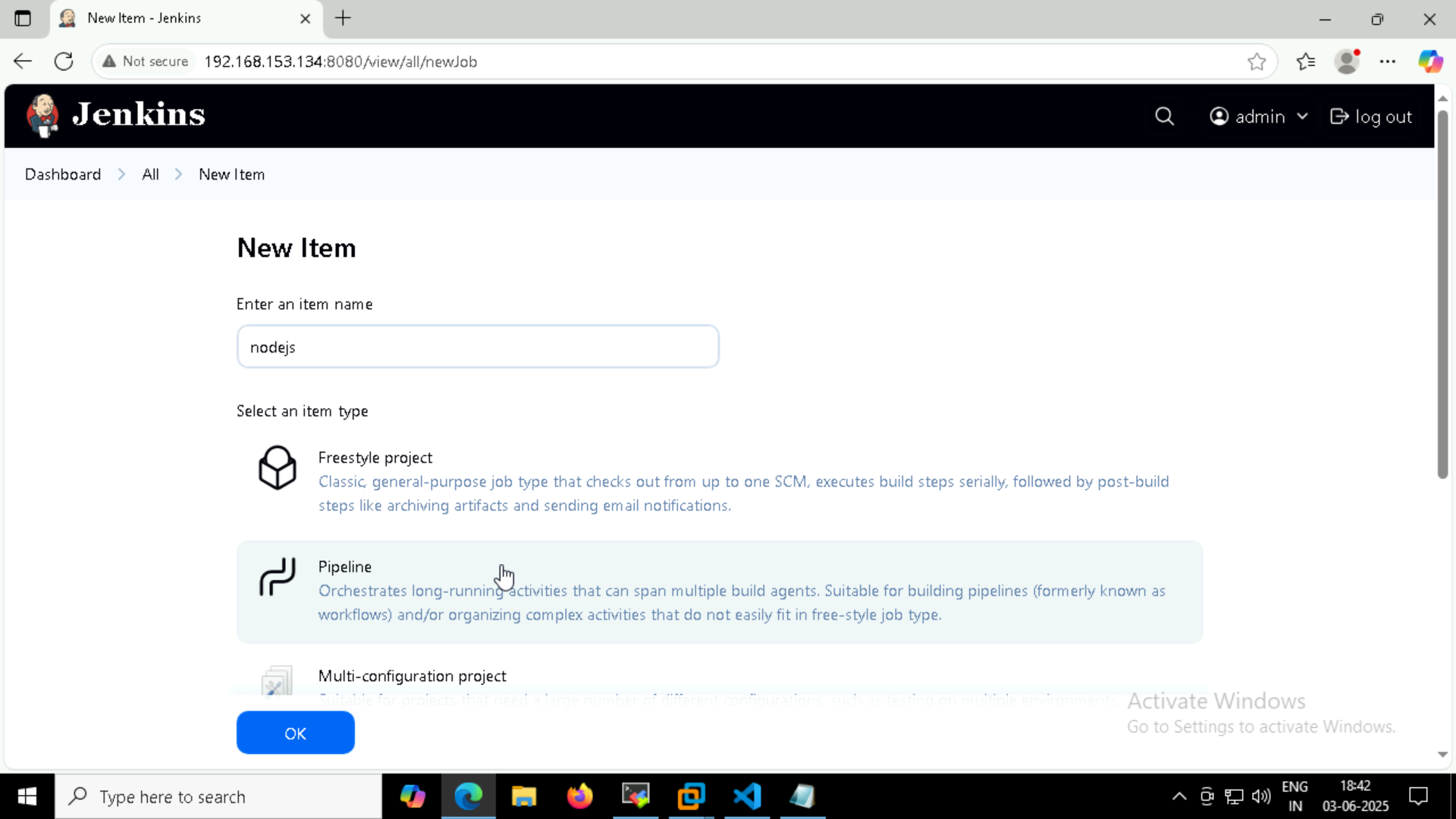
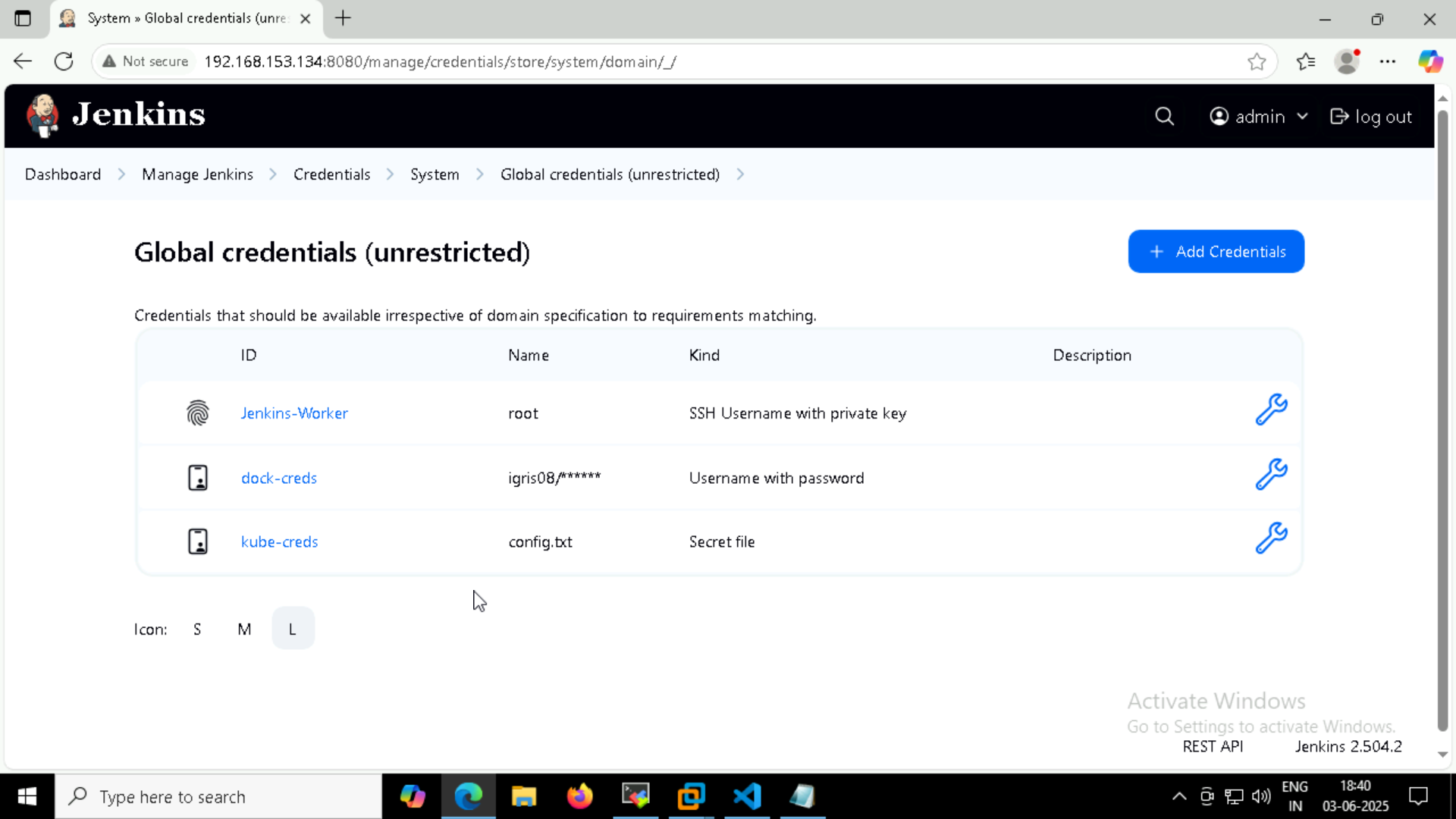
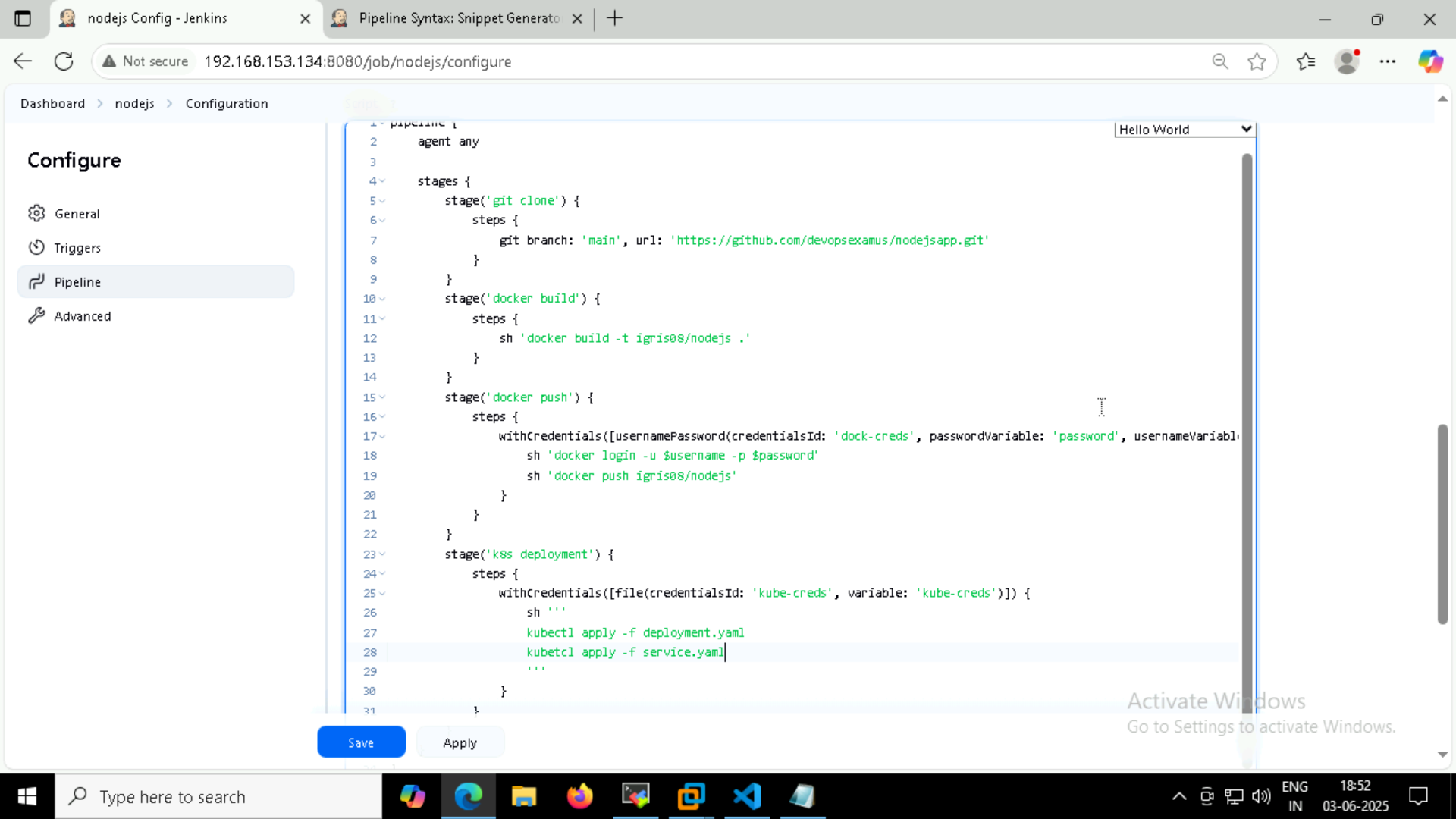
# Q1. CI/CD PIPELINE

**Building pipeline-**

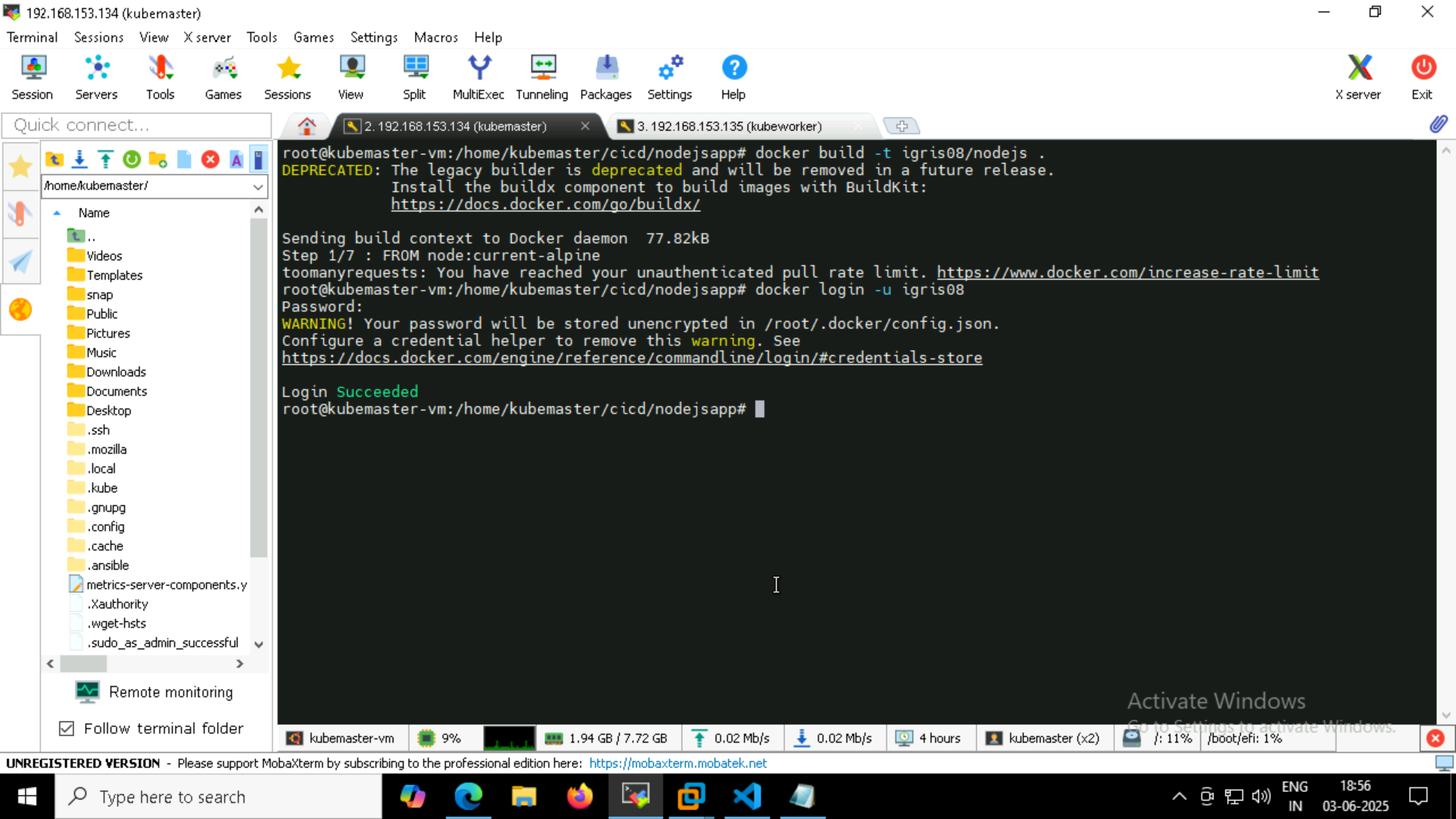


Setting up credentials(for docker login & k8s):





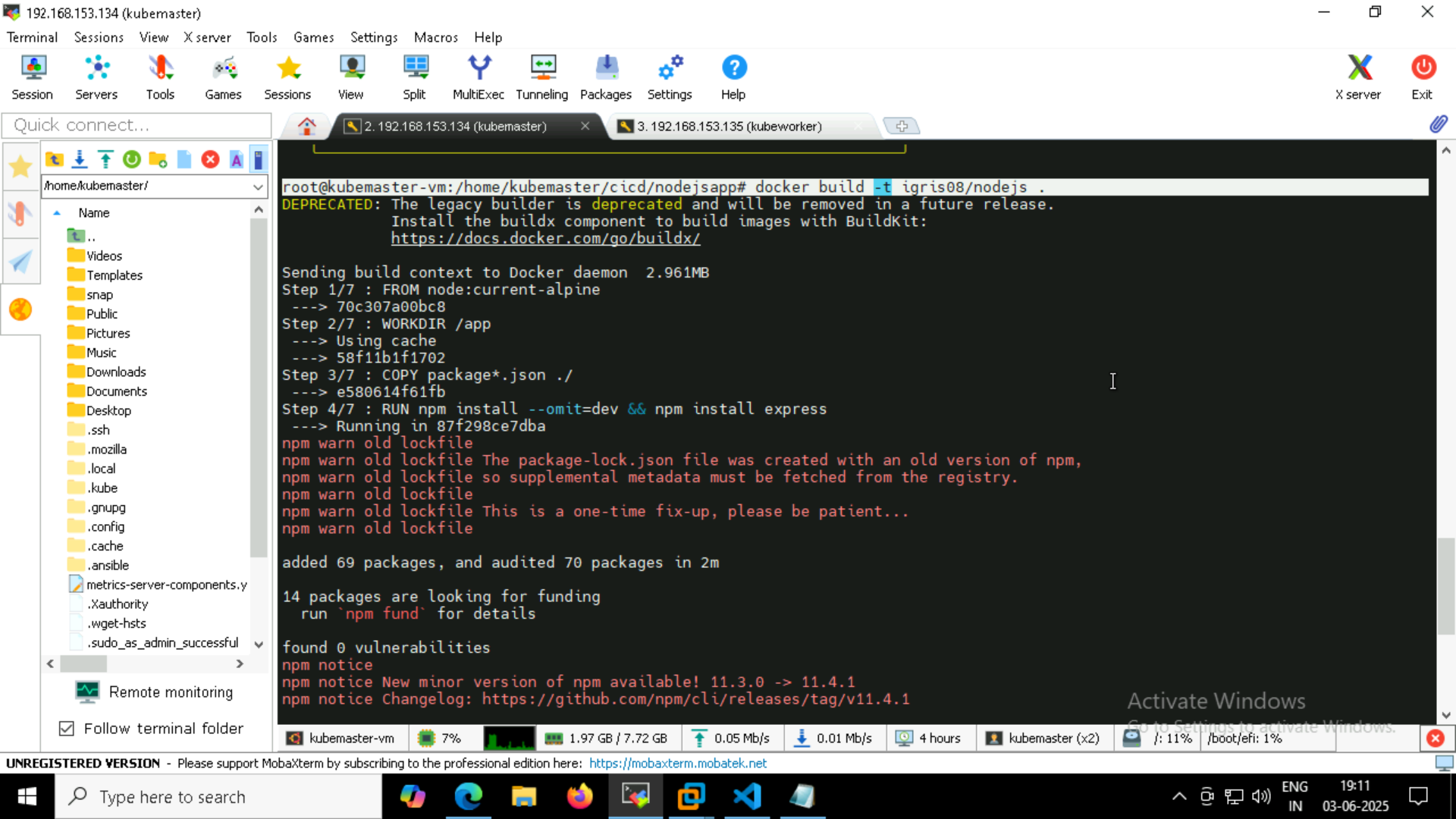
**Docker build-**

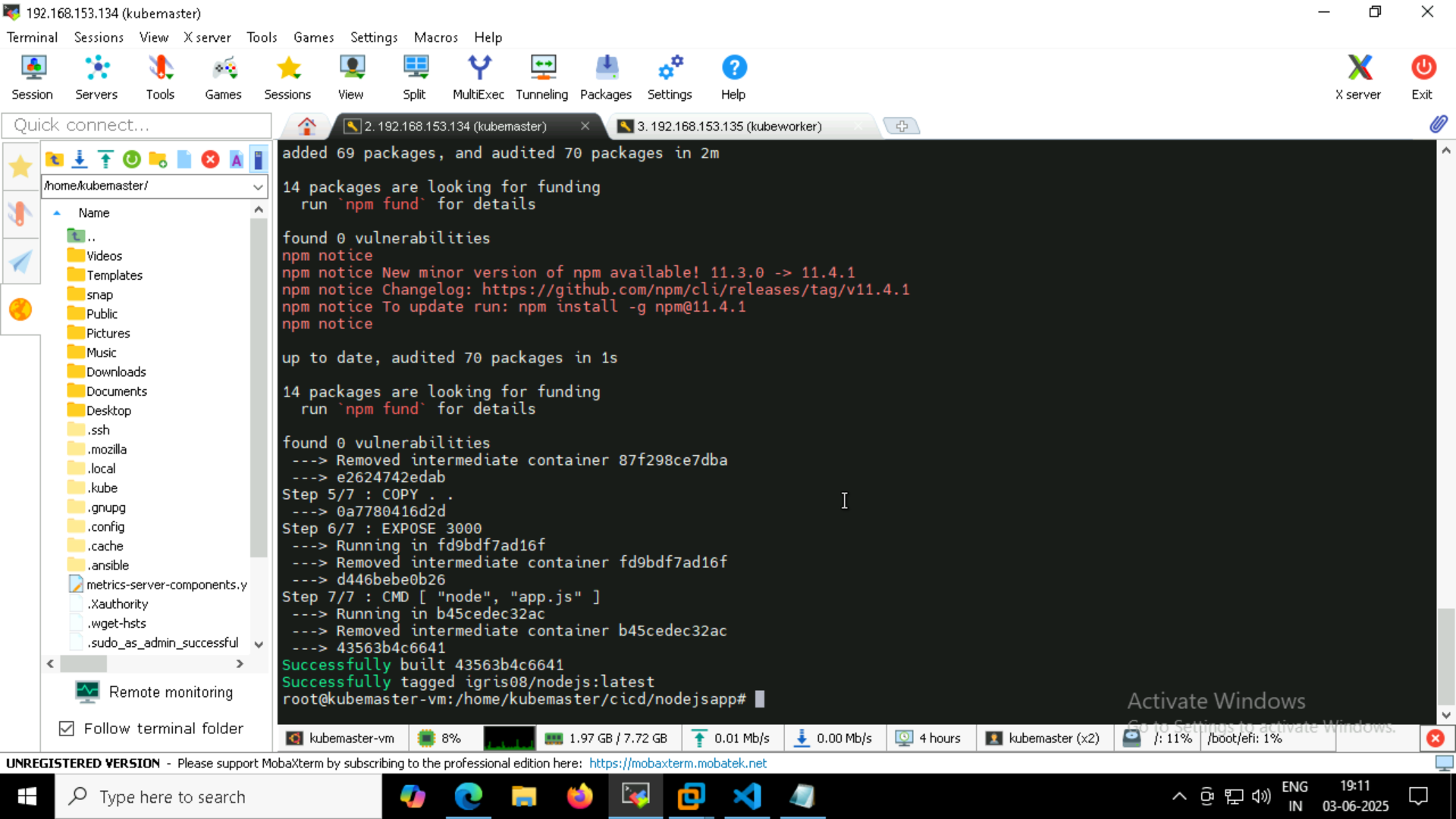


* While building docker image, I encountered rate limit issue. So I did docker login

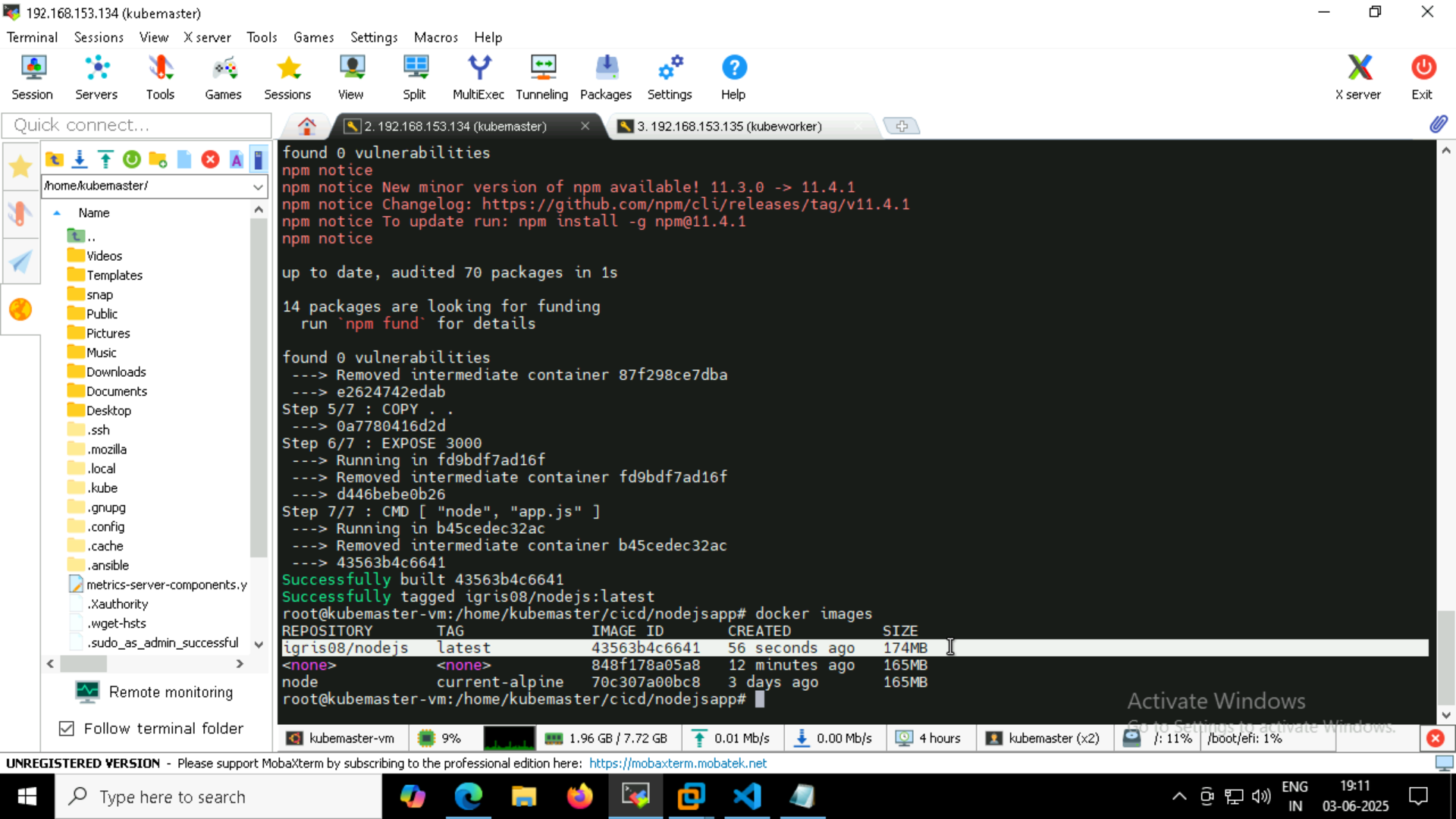
(**Please note** – my dockerhub username is igris08, I had kept it long back during training)

After docker login, image build worked.

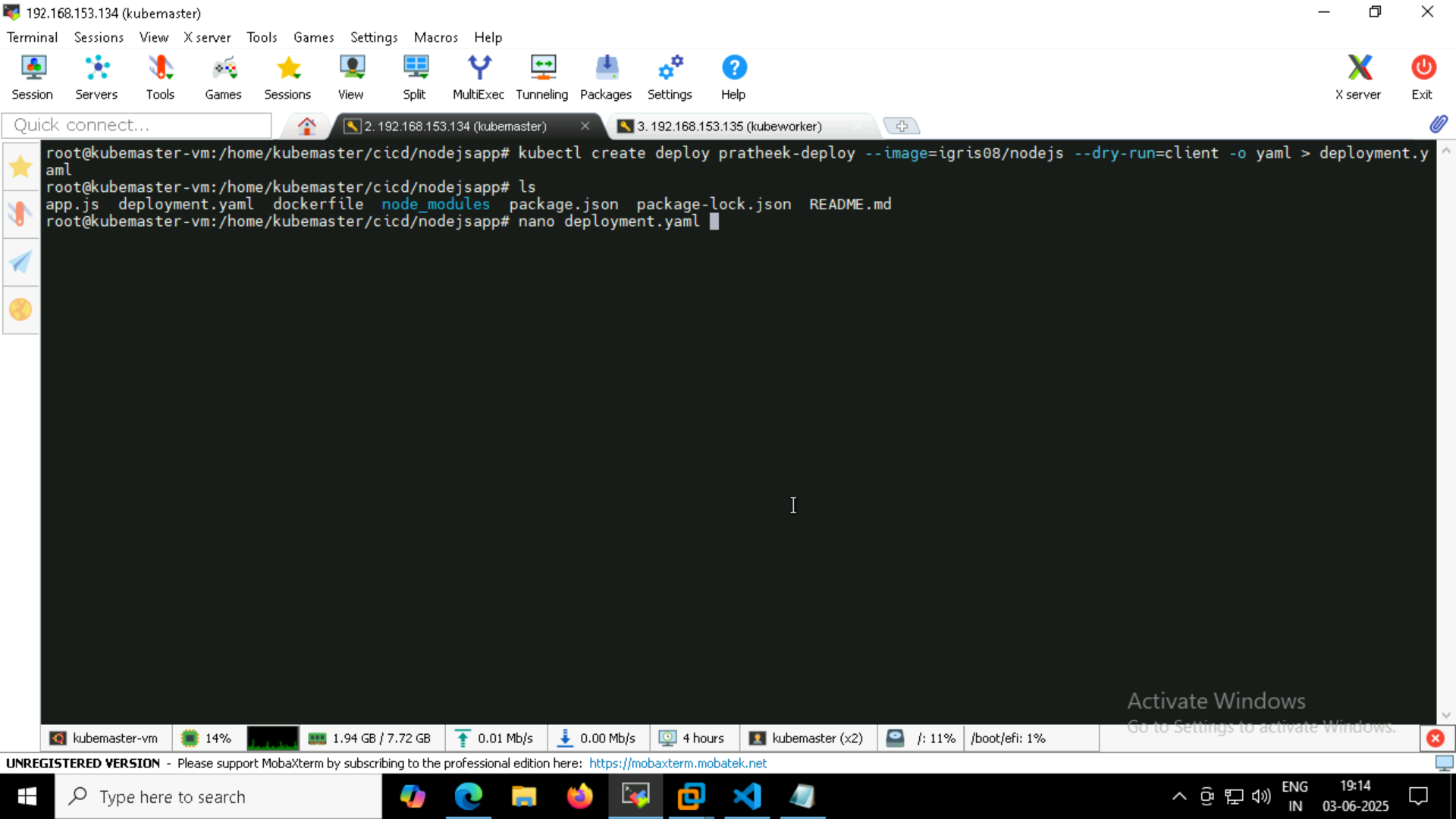


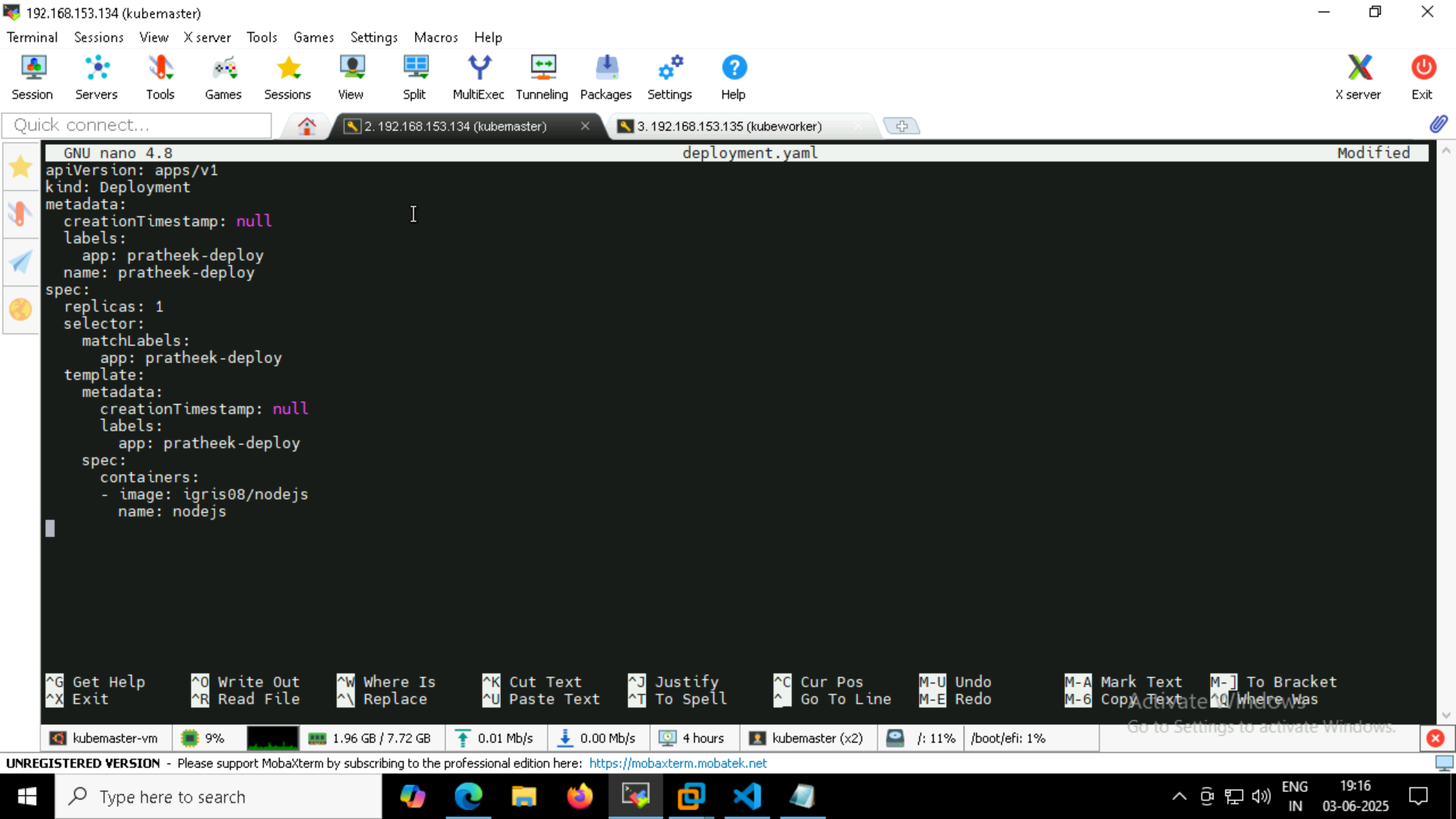


Docker image created-

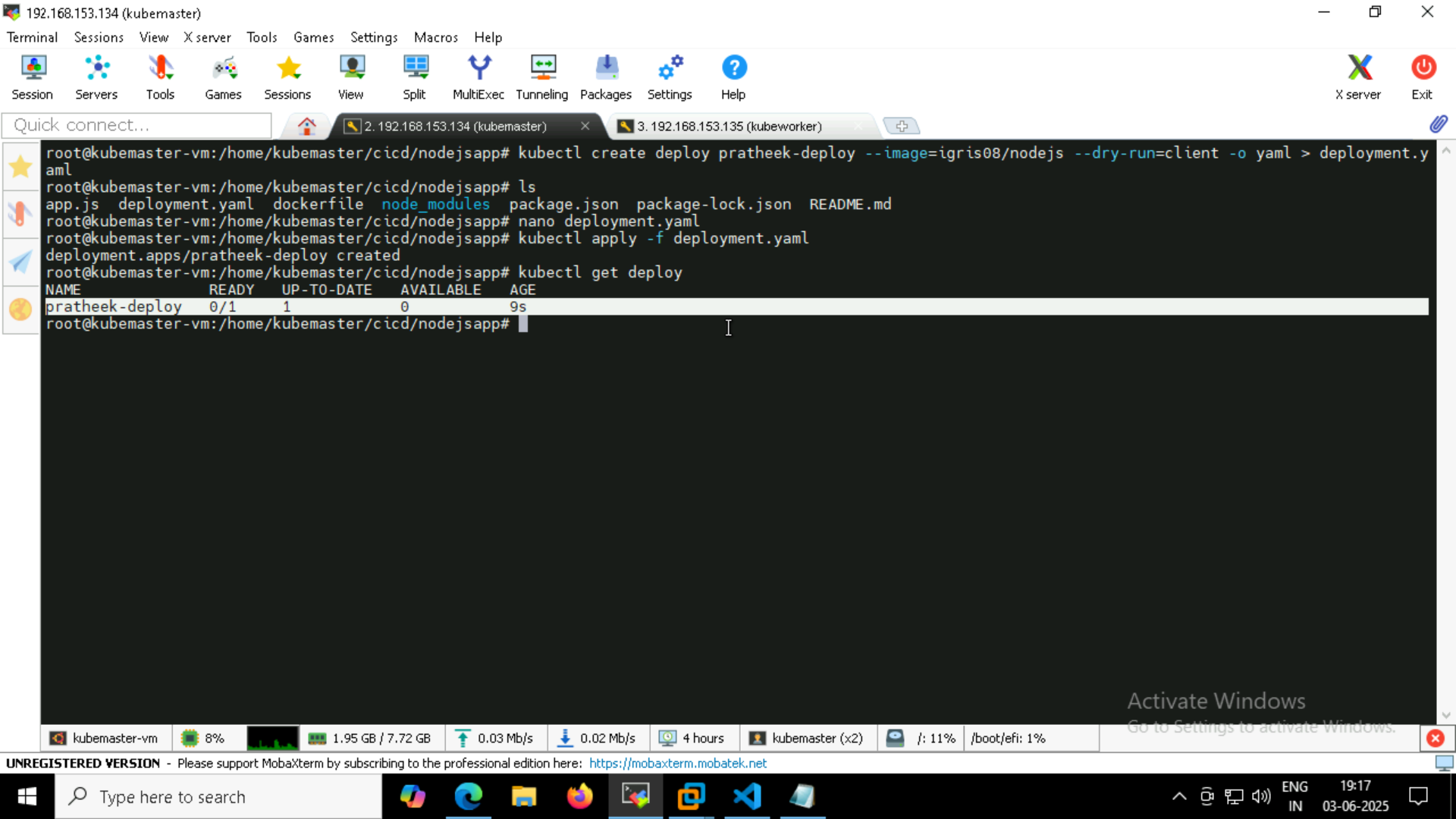


**Creating deployment yaml -**

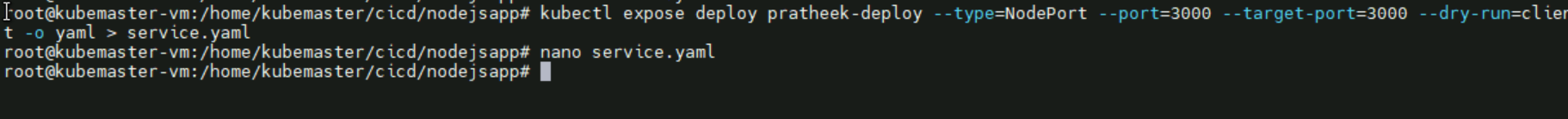


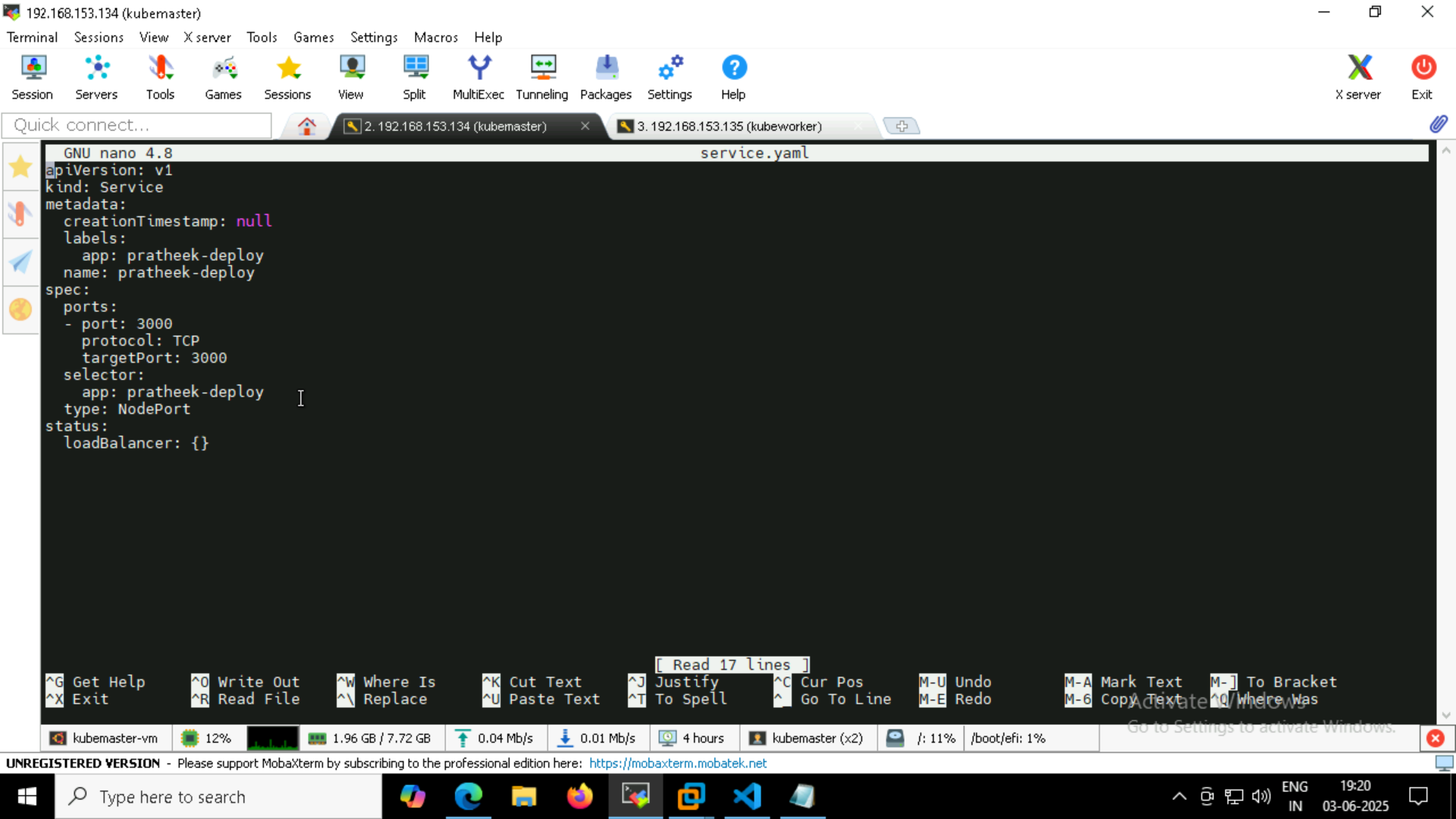


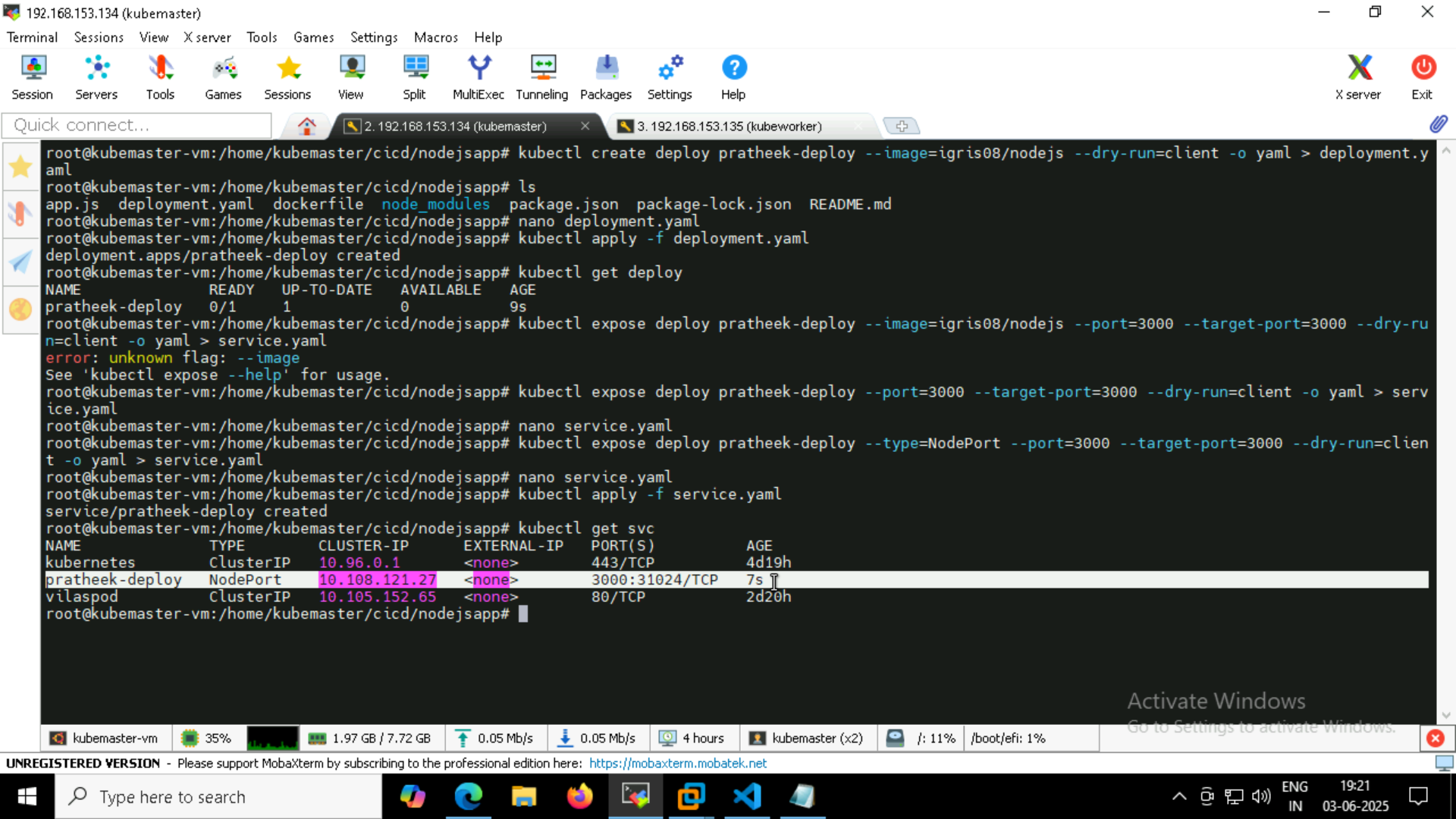
Kubectl applying deployment.yaml



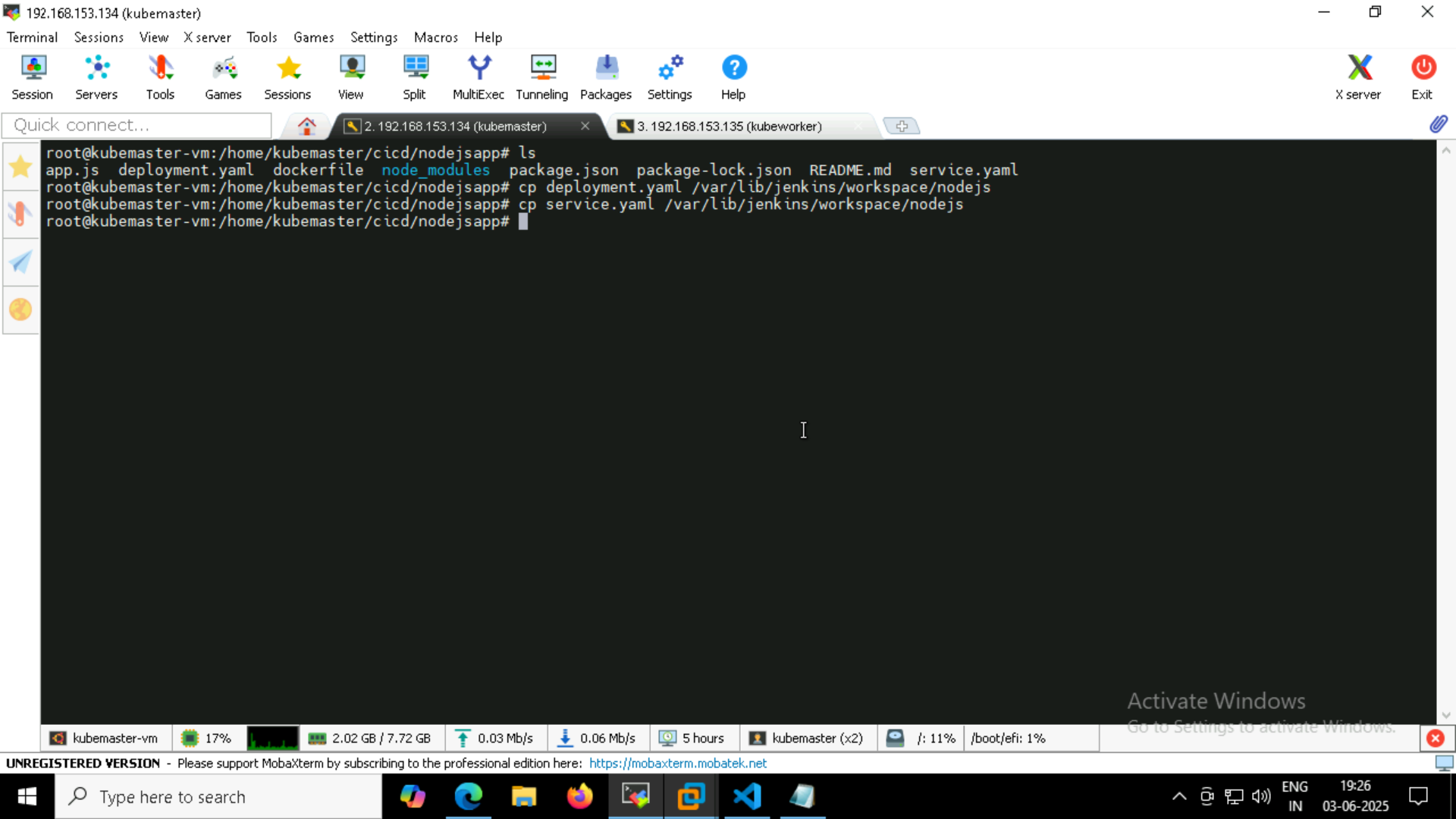
Service yaml-



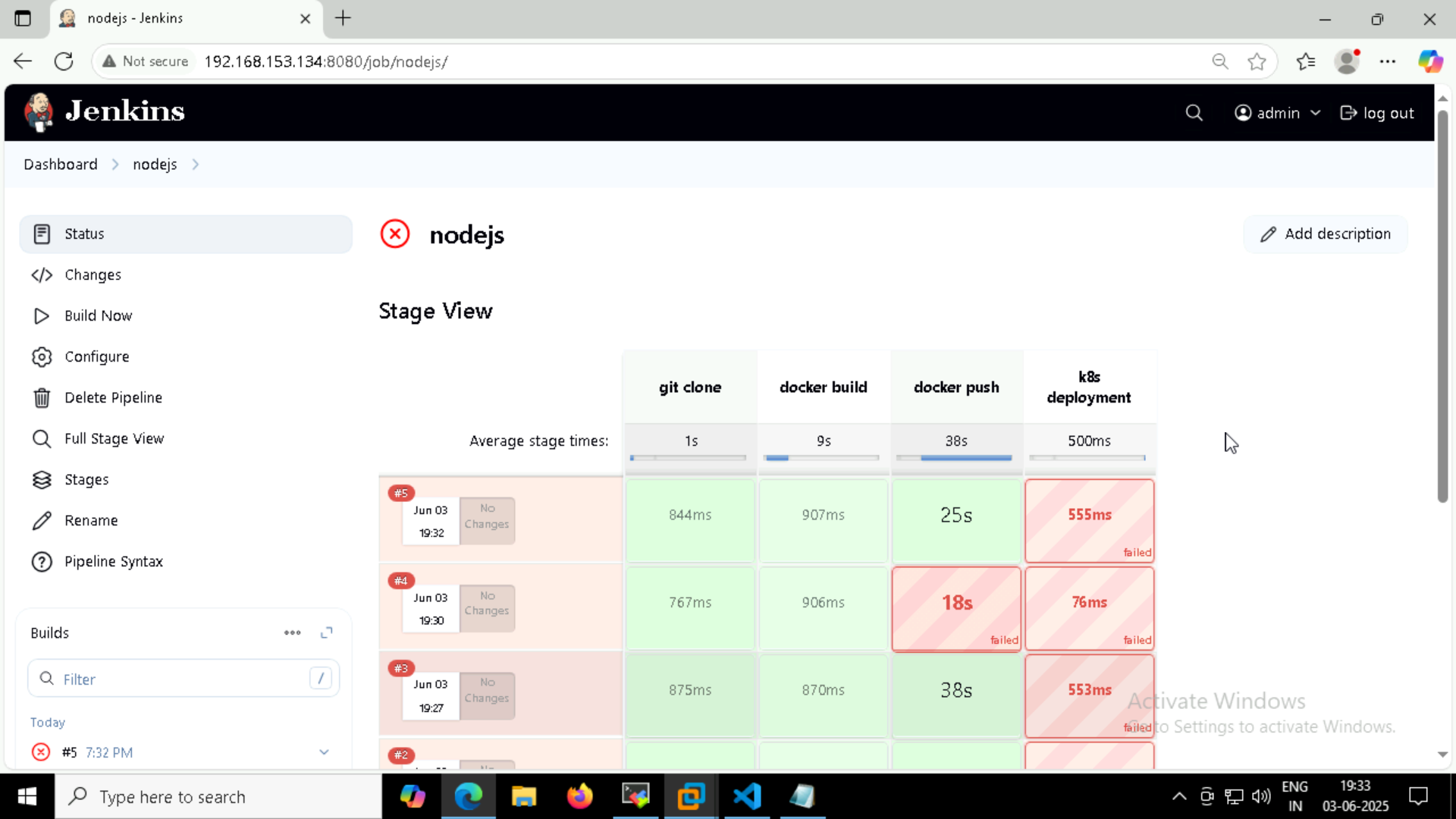




**Moving deploy & service.yaml to Jenkins workspace-**

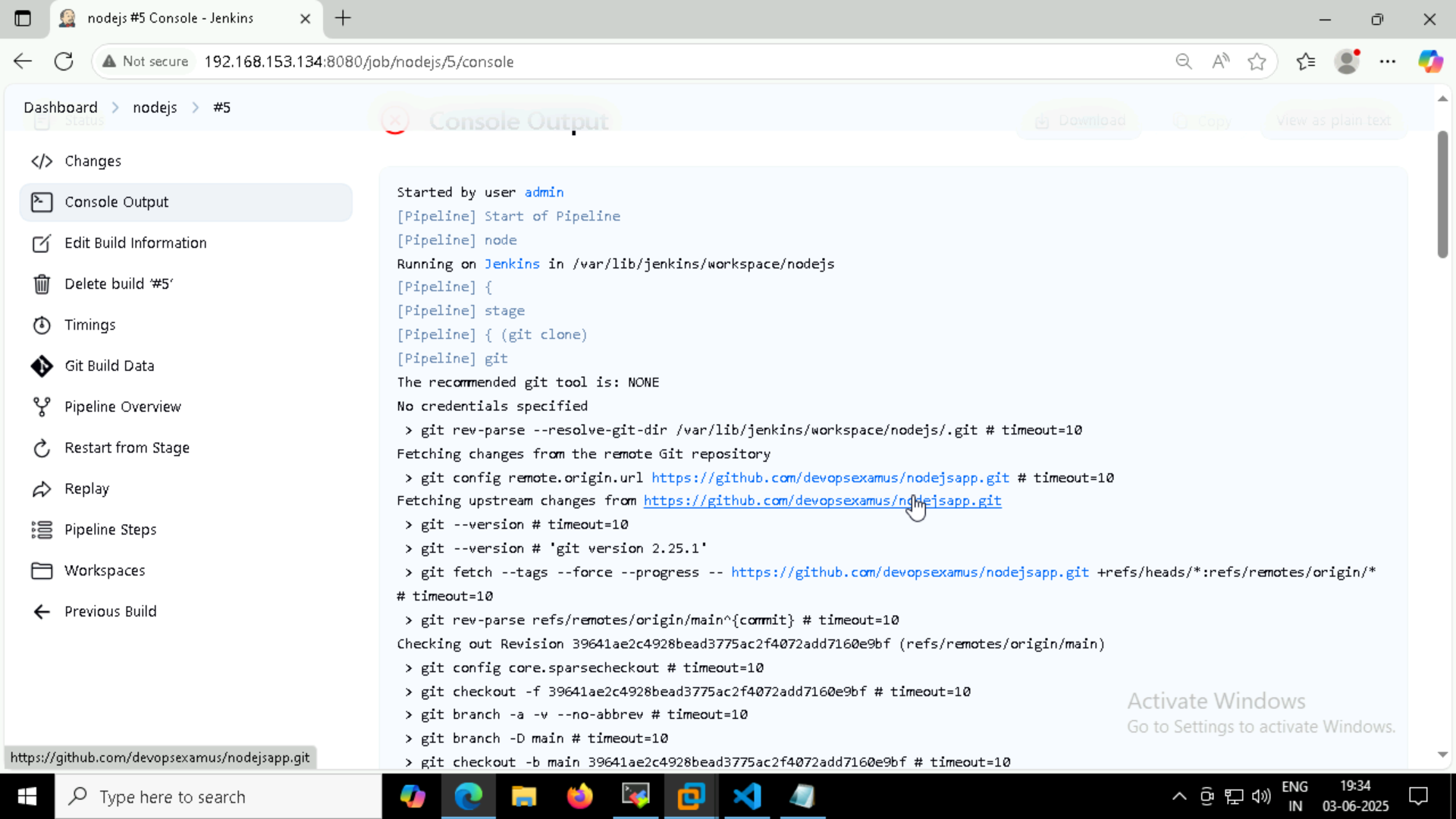


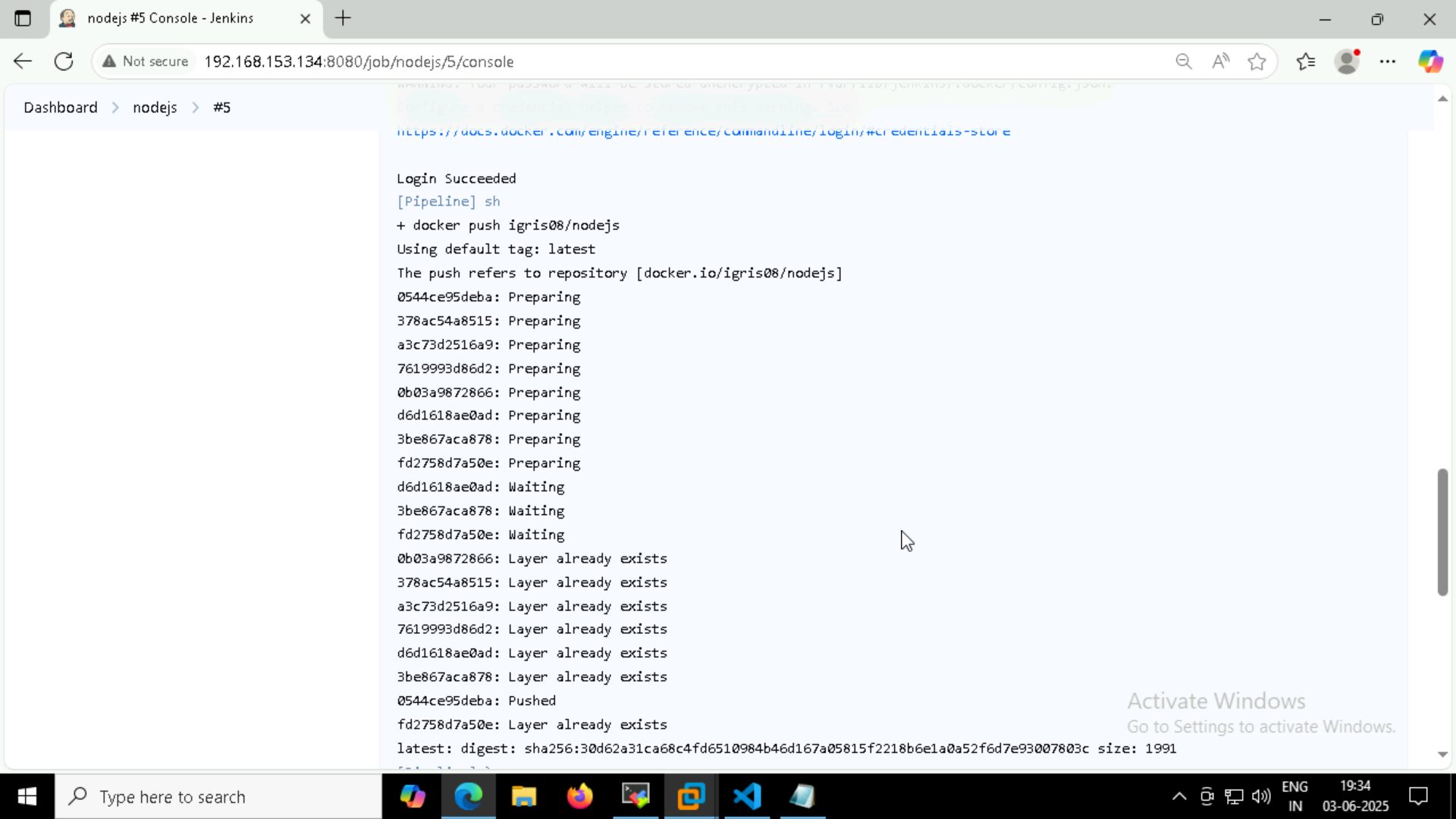
**Build & test –**



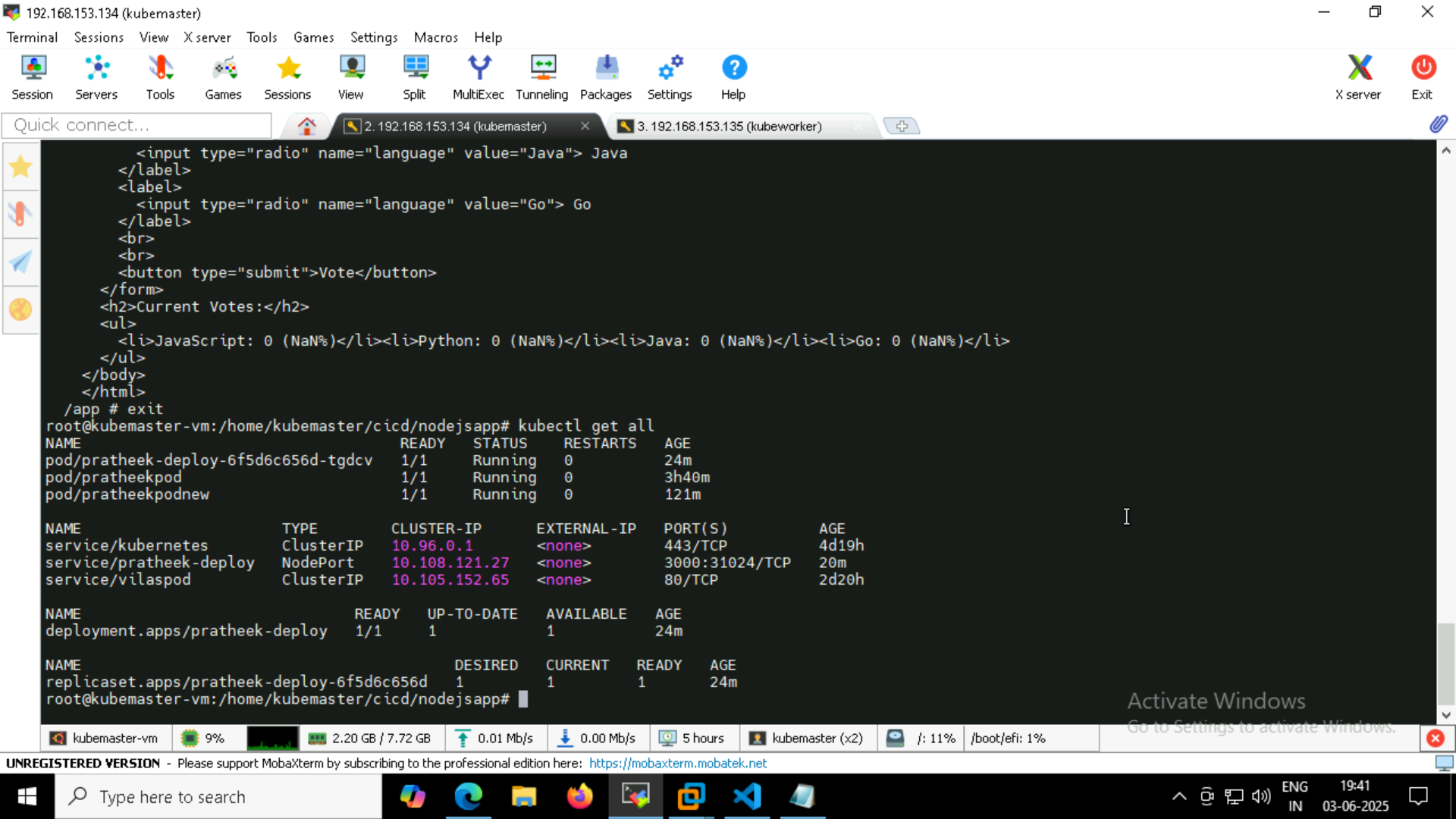
**K8s deployment didn’t work because of rrate limit issue.**

**Console oupput-**





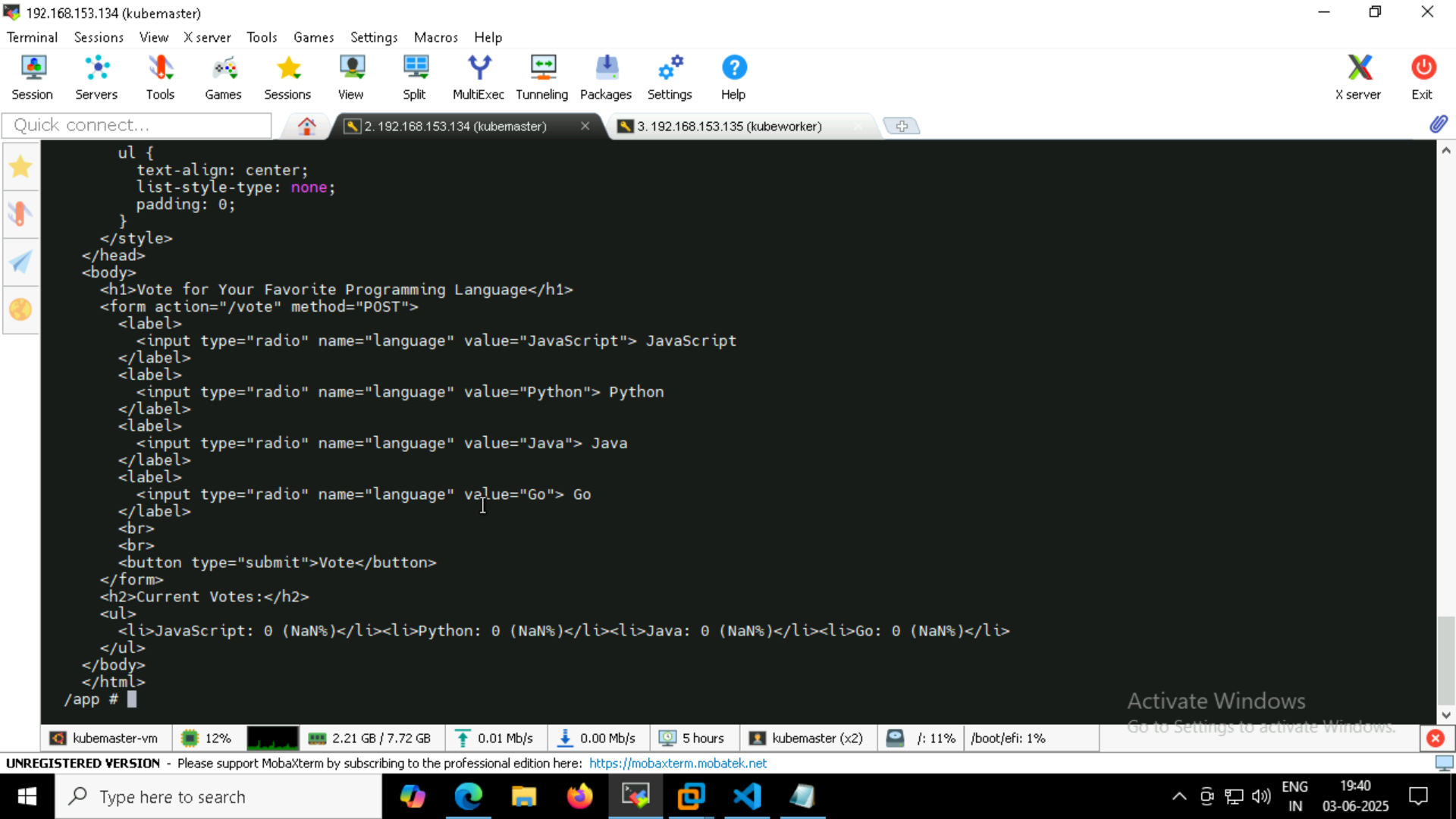
**Since I had rate limit issue, I will run and show the nodejs inside the pod -**



**Accessing index.html inside pod -**

Wget 192.168.153.134:31024





**So nodejs is running inside the container!**