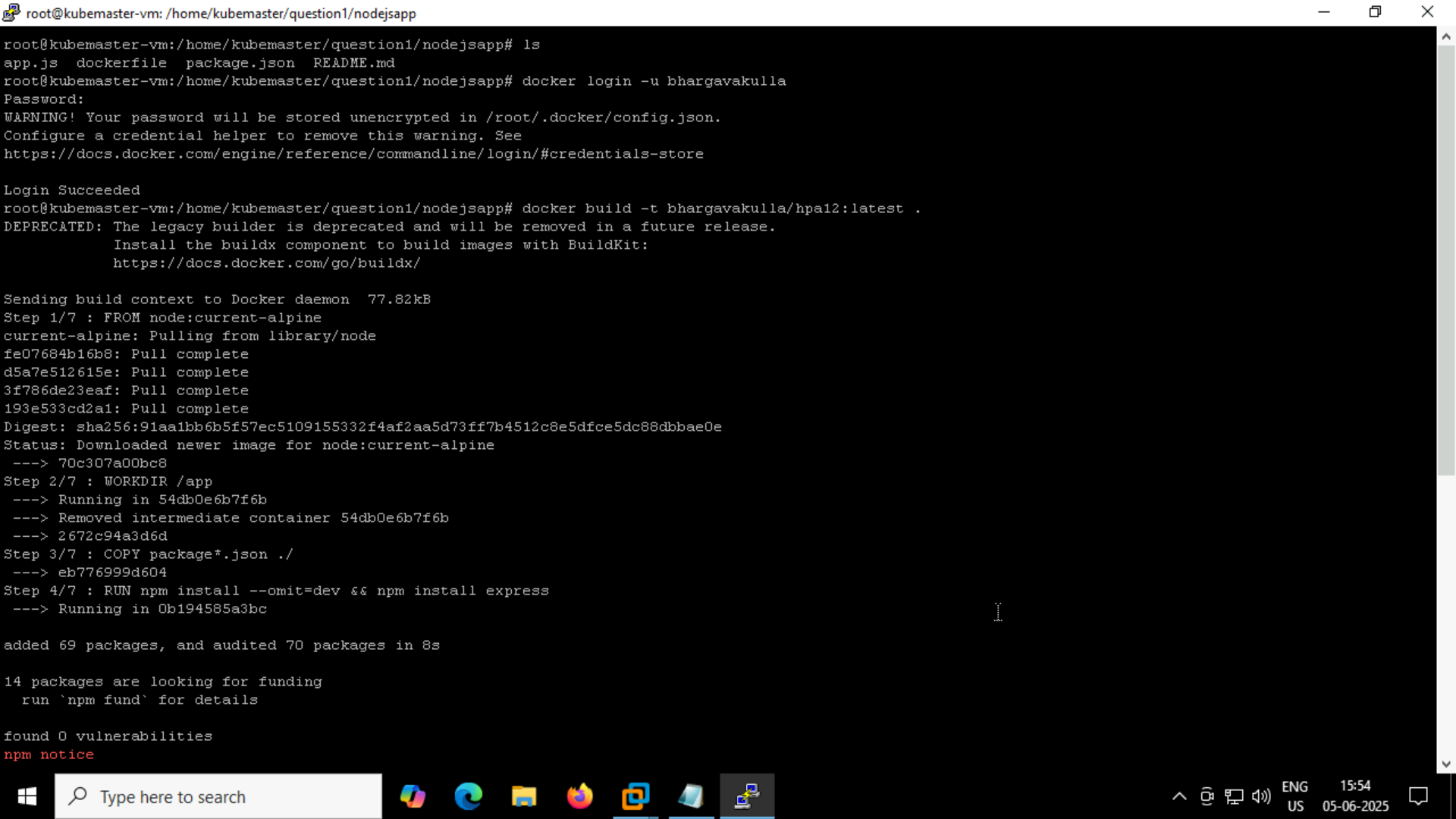
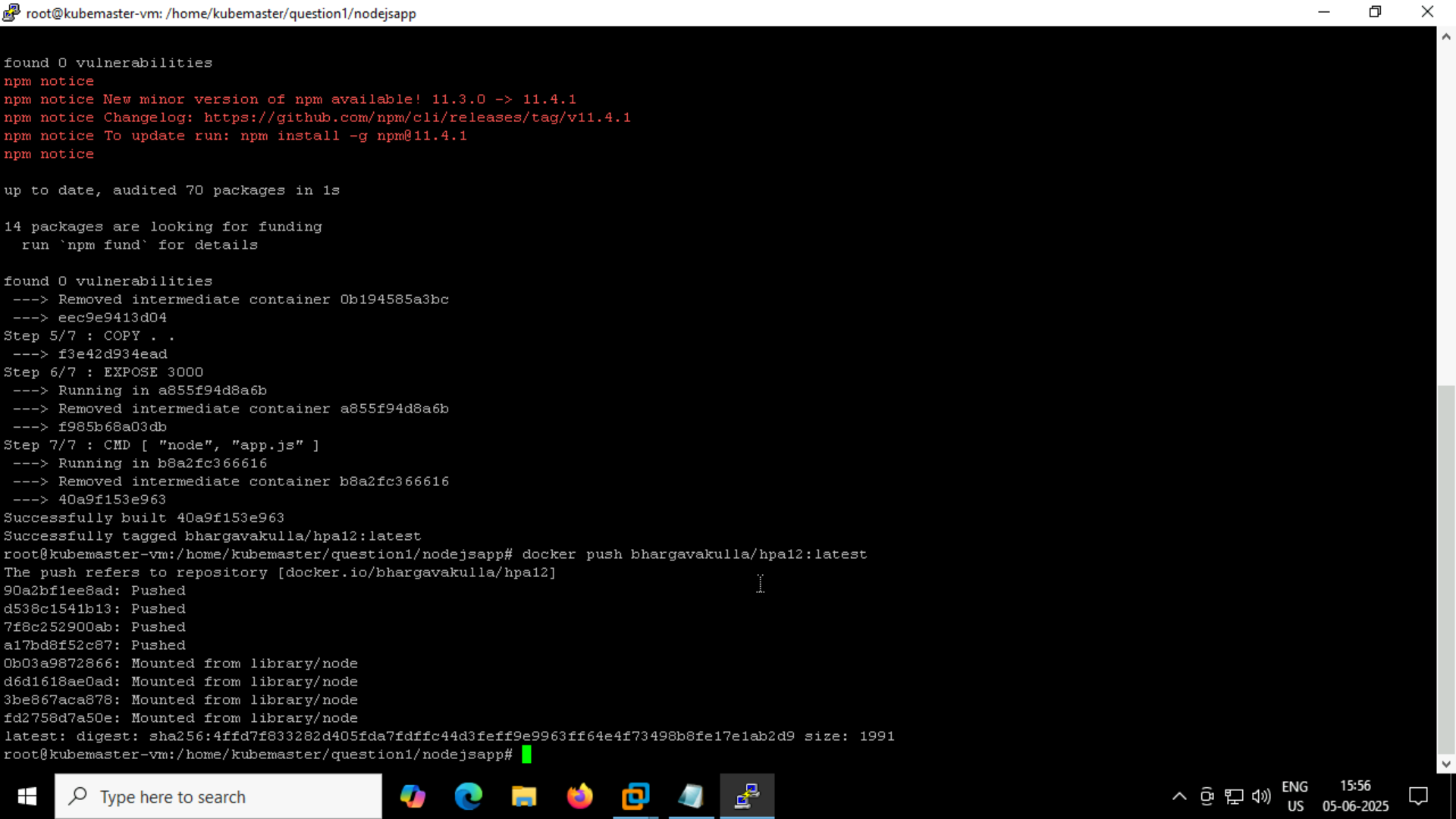
Question 1

HPA

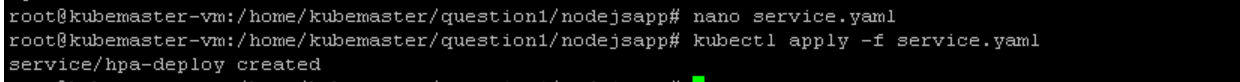
* First I have cloned the given repo
* Then I built docker image
* Then performed docker push

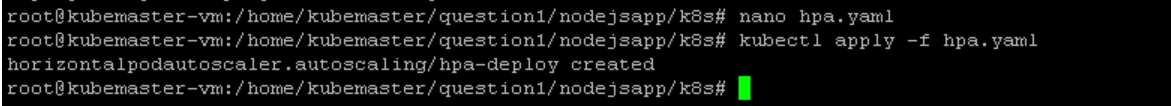




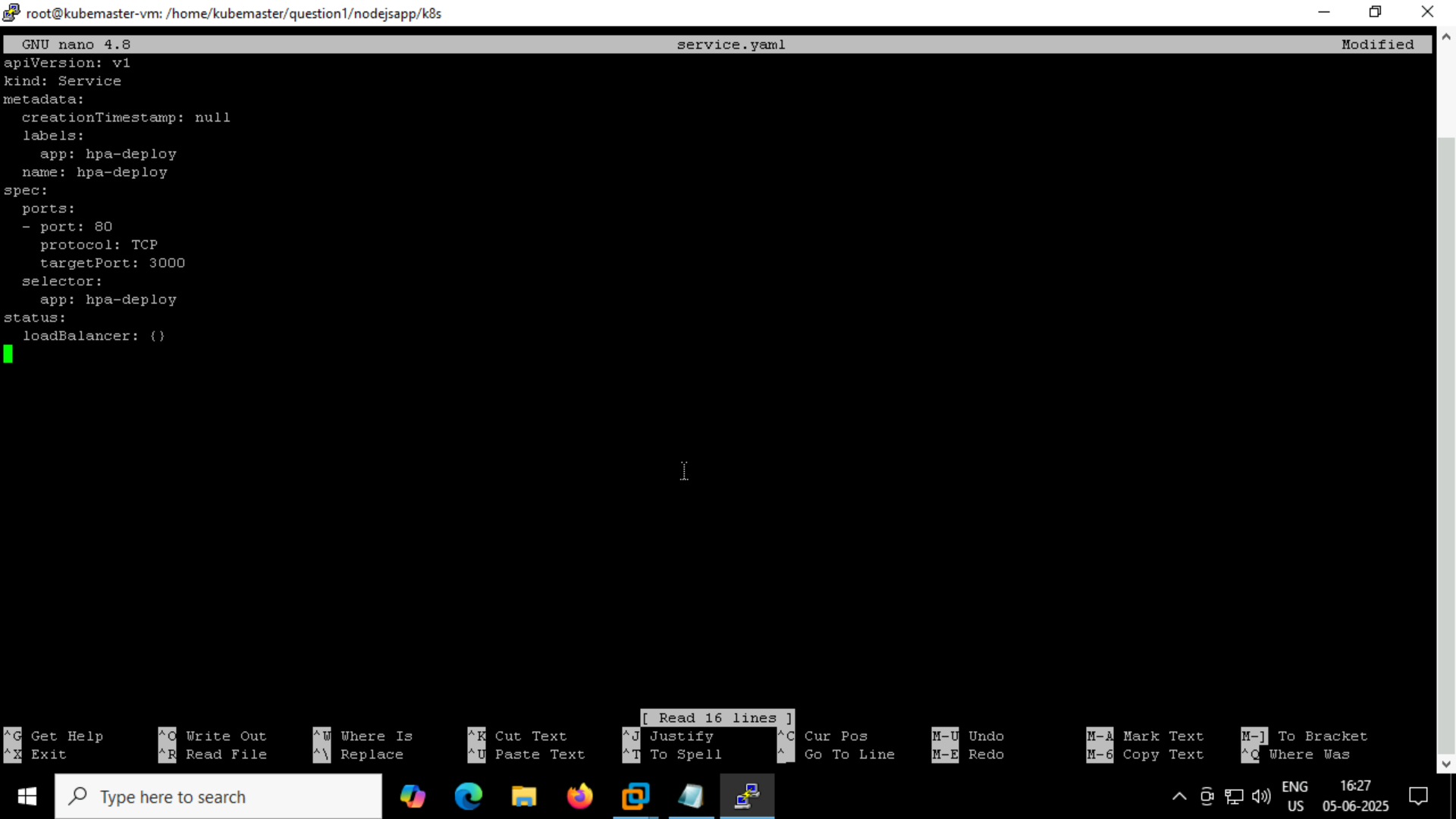
Next created deployment.yaml, service.yaml, hpa.yaml files and applied







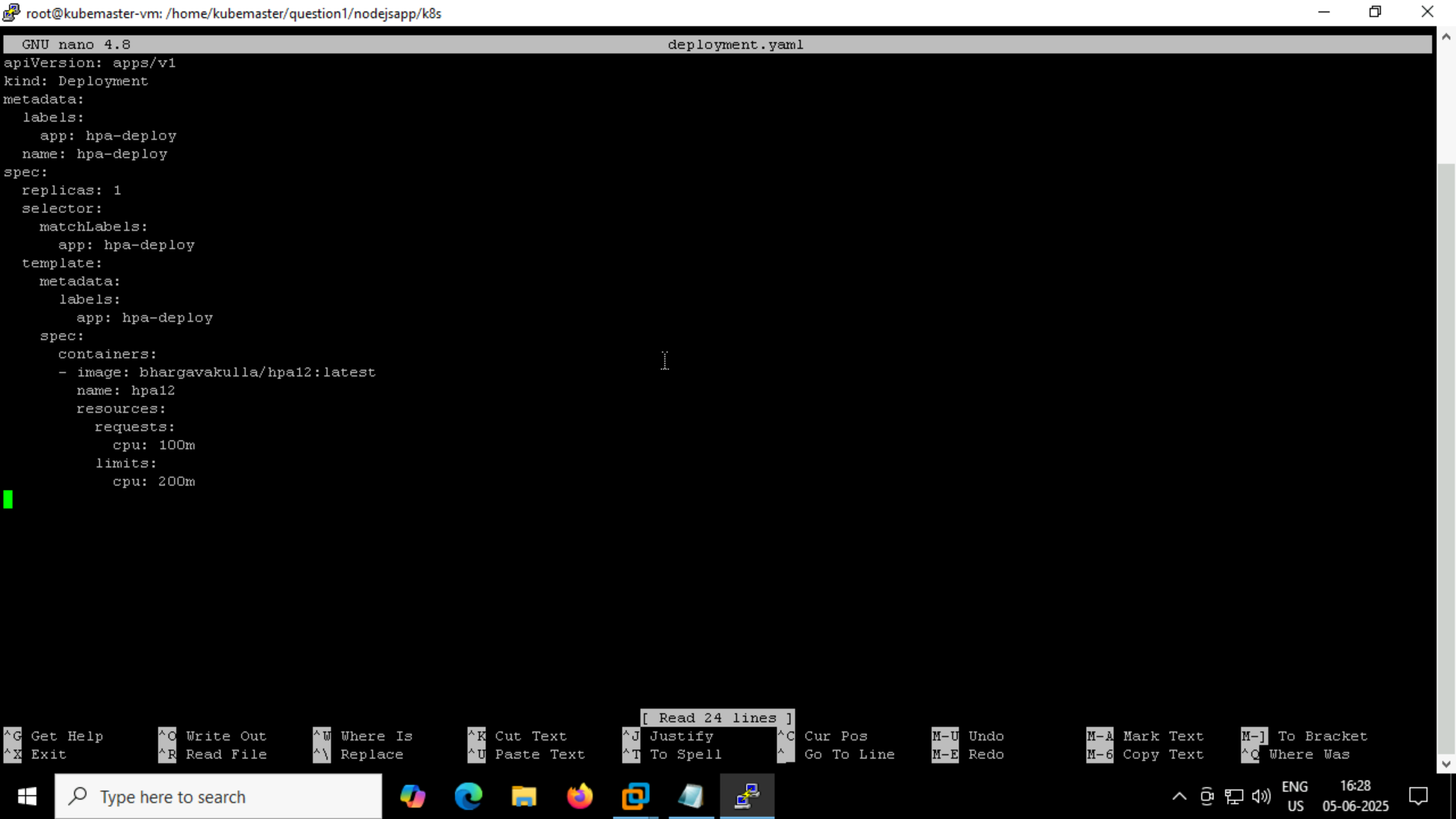
Service.yaml



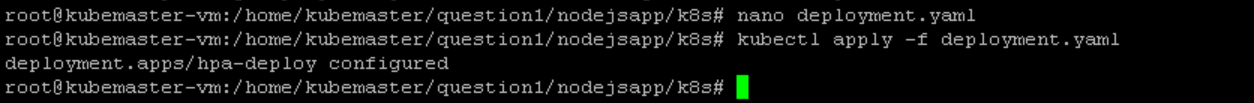
Hpa.yaml



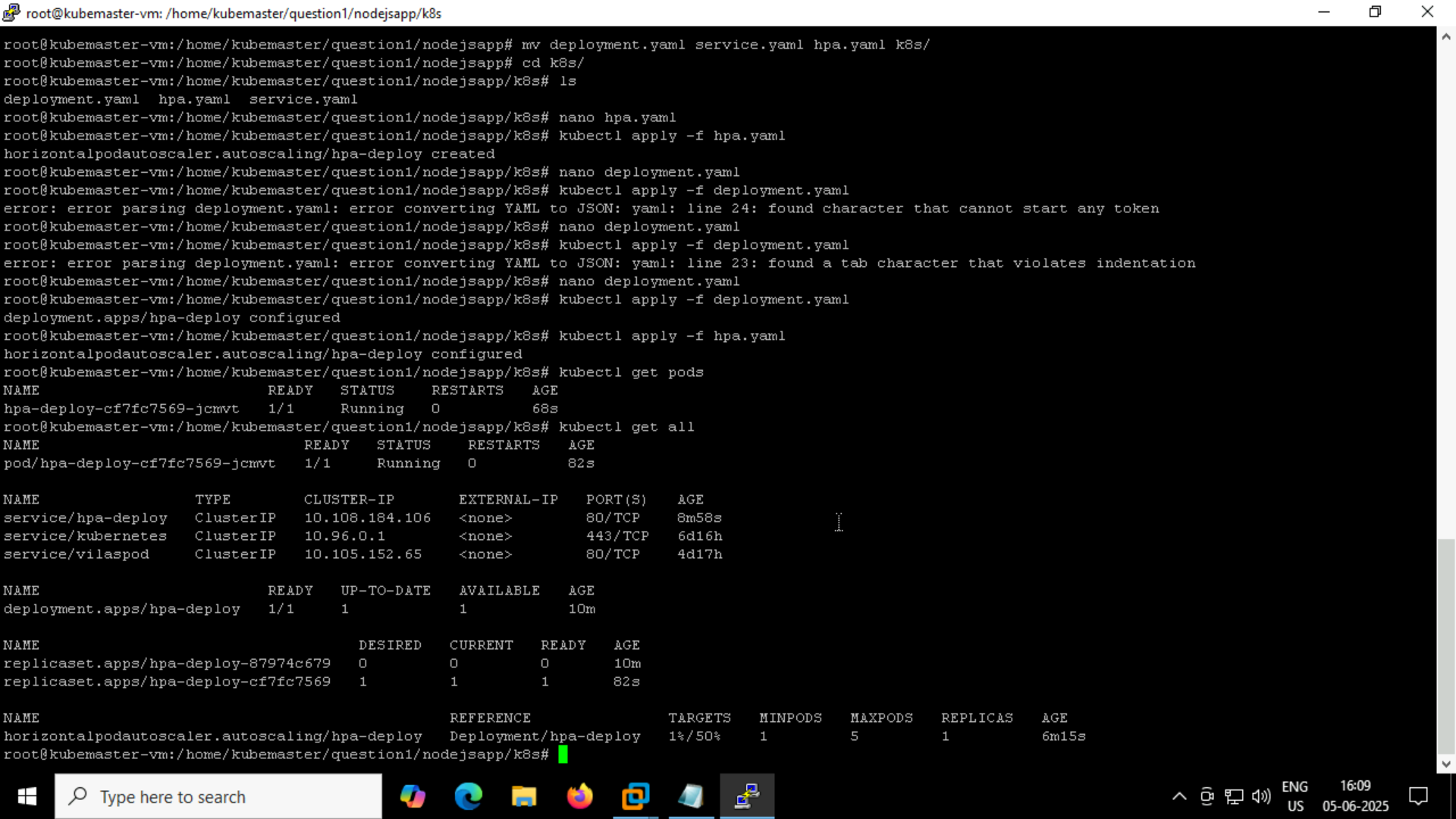
Deployment.yaml



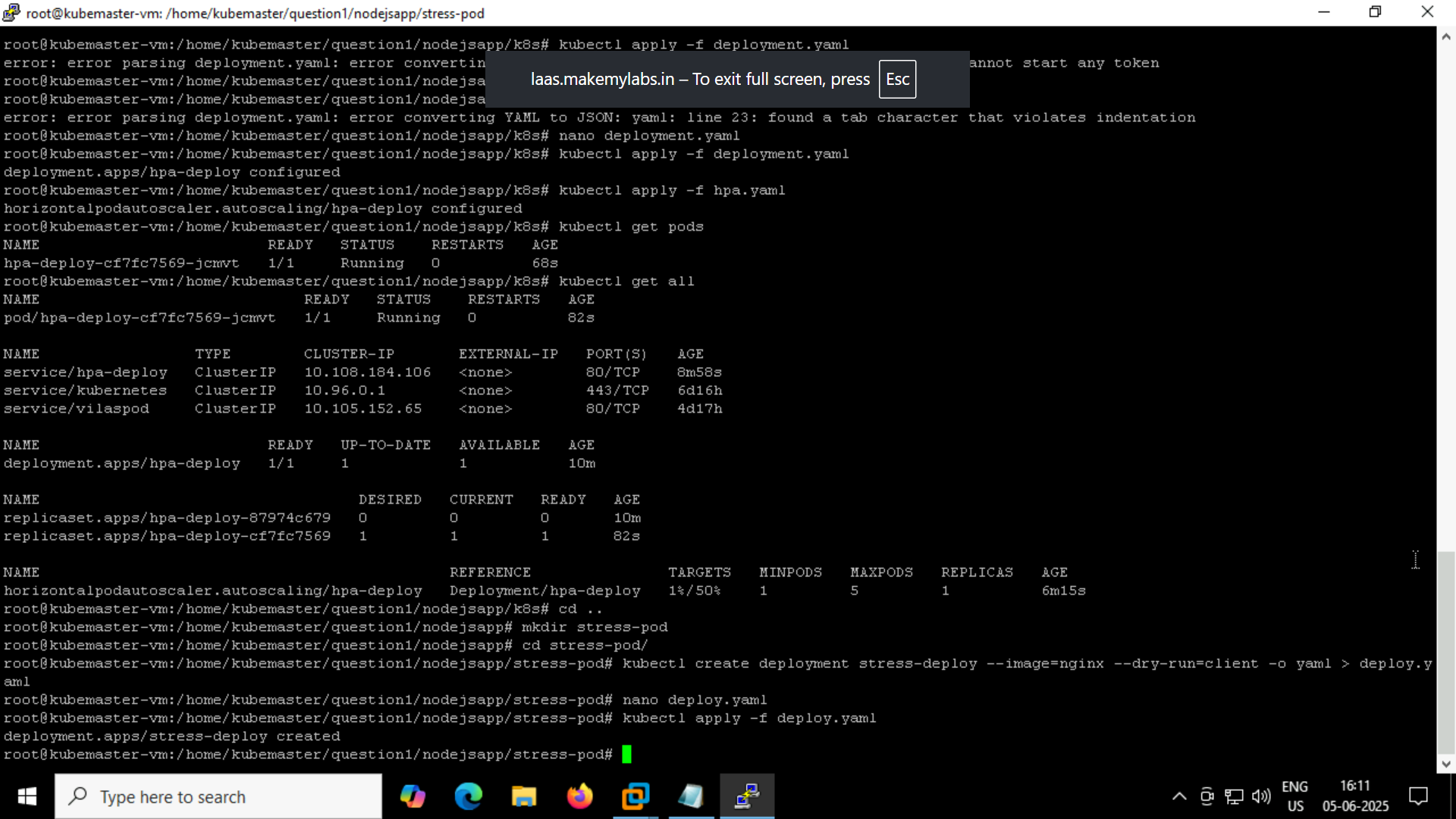
After modification of deployment.yaml I re-applied it

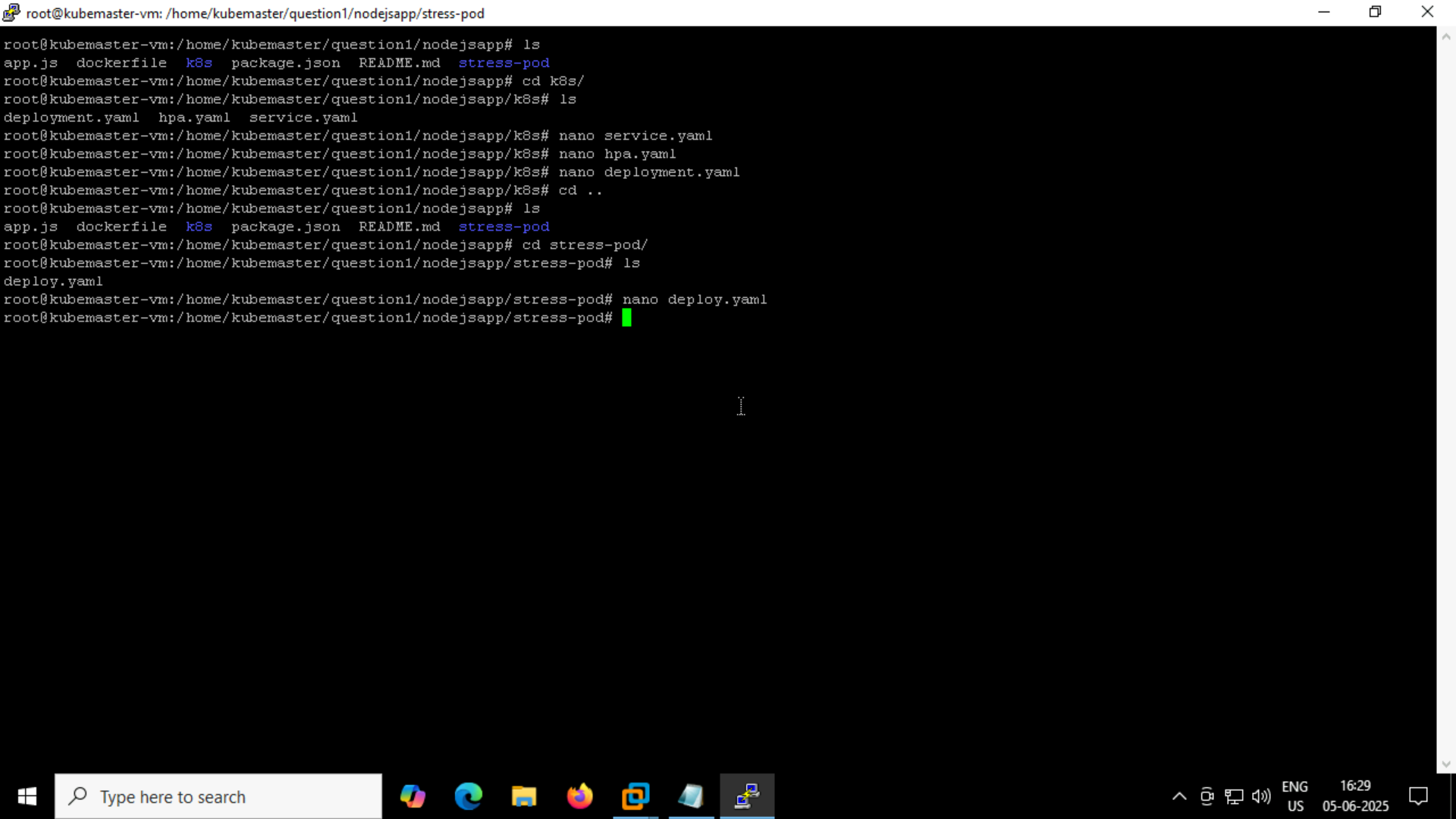


So the pod is running



Now I have created another folder stress-pod inside that I have created deploy.yaml





Deploy.yaml



After that I have applied stress on the newly created stress-deploy pod



So when the cpu is more than 50% pods is created

Final validation output

