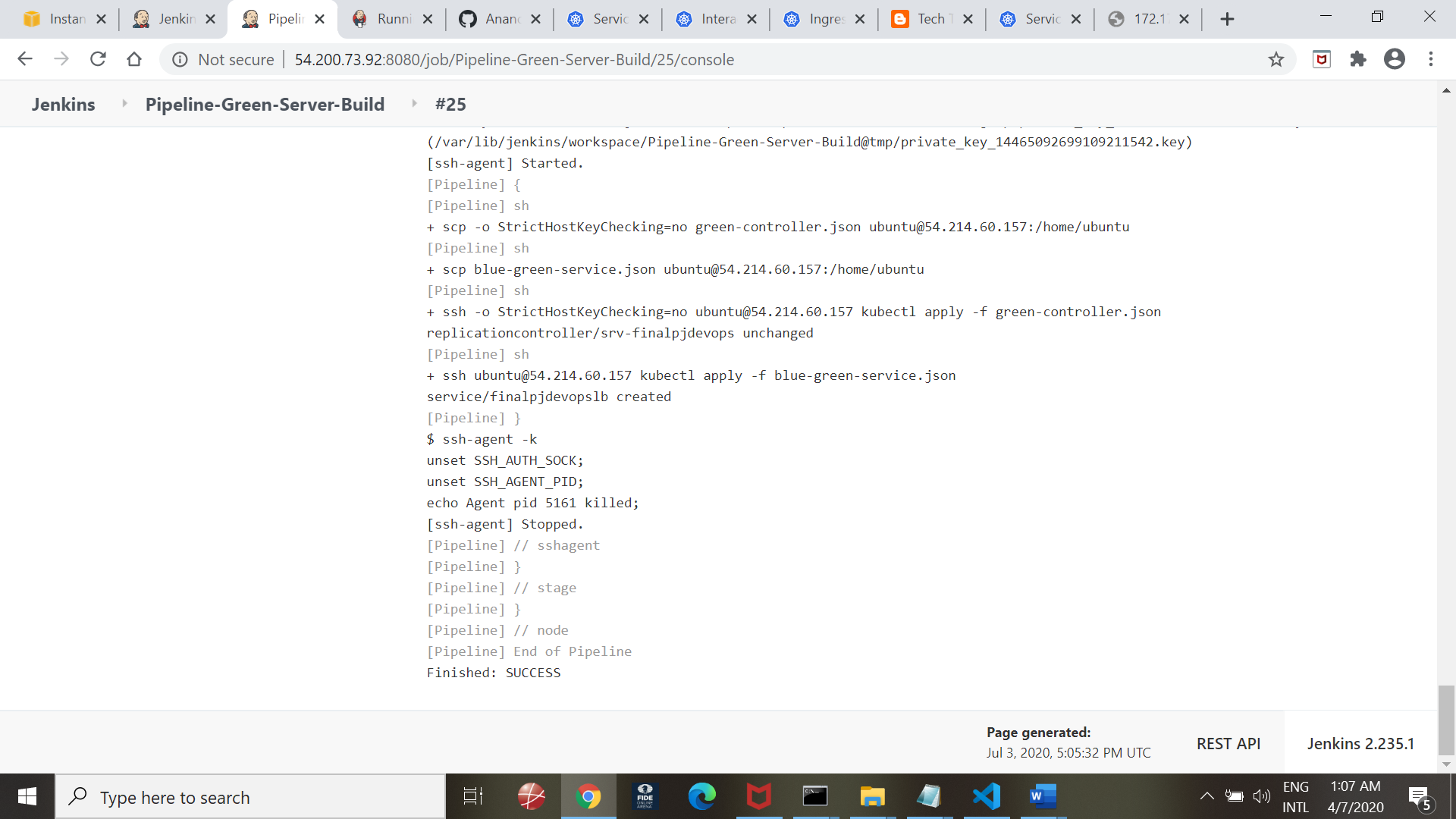
CAPSTONE PROJECT  
Cloud Devops Final Project – Docker and Kubernates Deployment

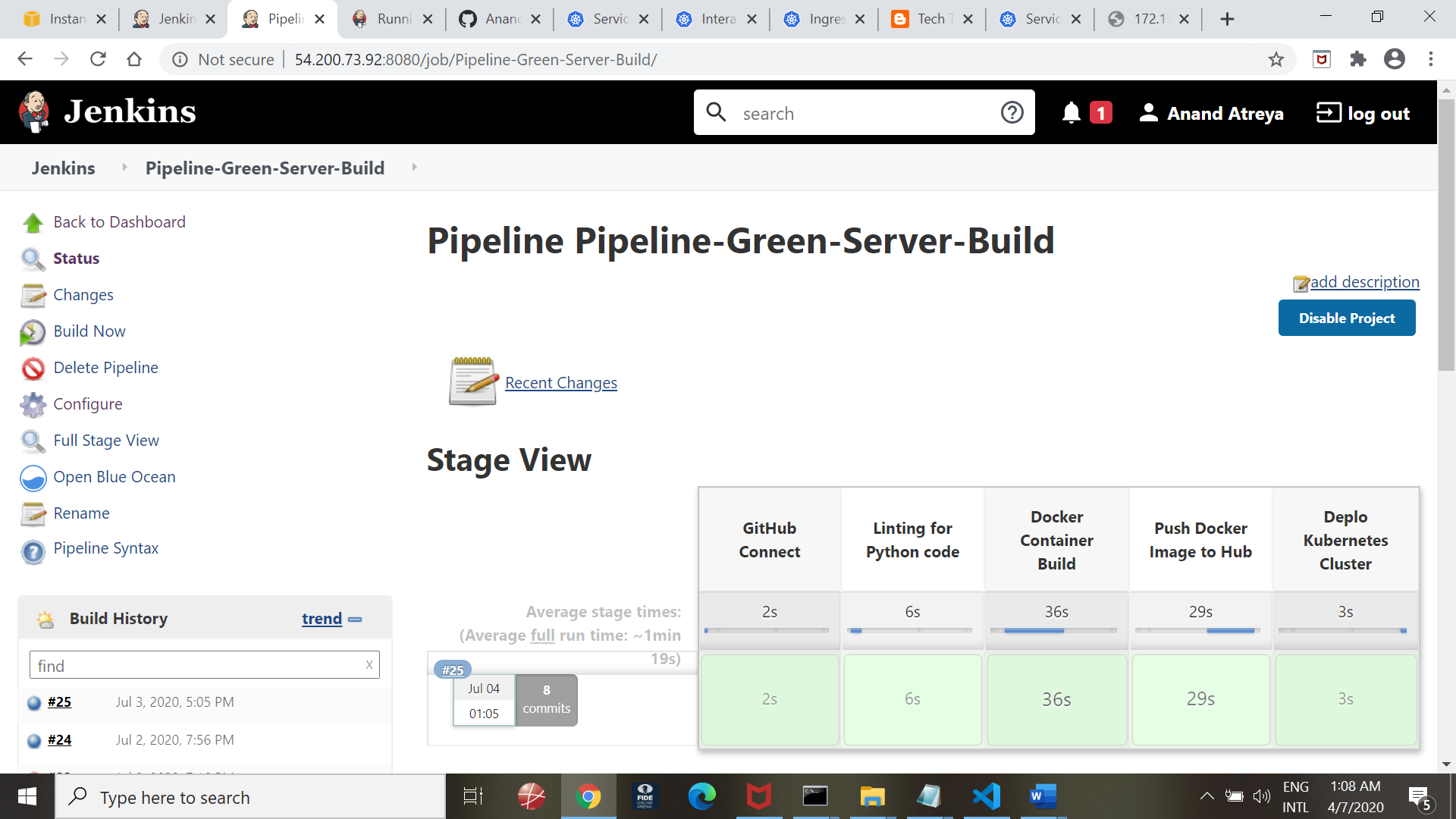
The document has three sections:

**NEW SECTION: BLUE / GREEN Deployment into Kubernetes cluster and expose the cluster via a service**

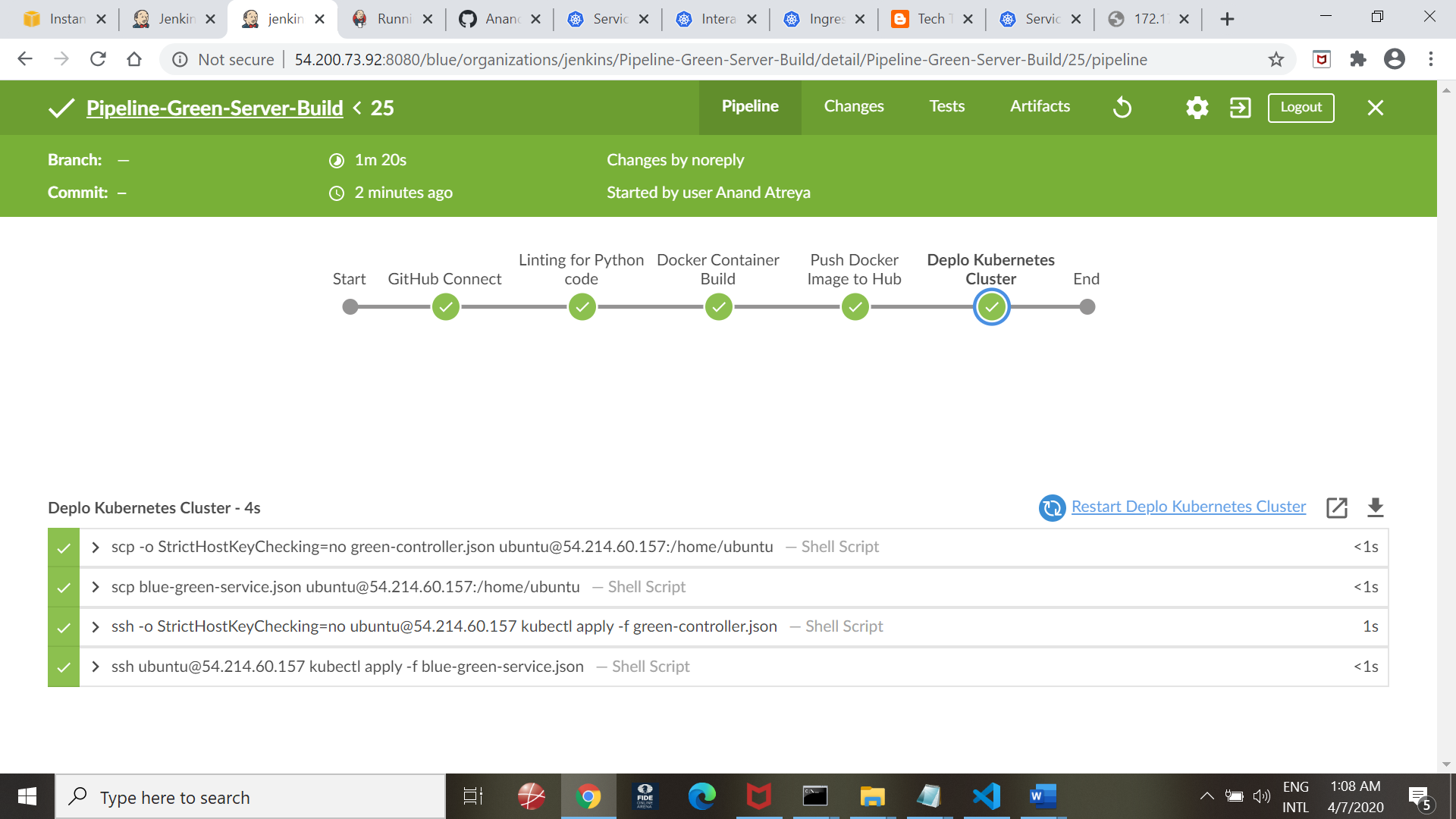
**NEW SECTION: BLUE / GREEN Deployment into Kubernetes cluster and expose the cluster via a service**

**Run Jenkins pipeline**



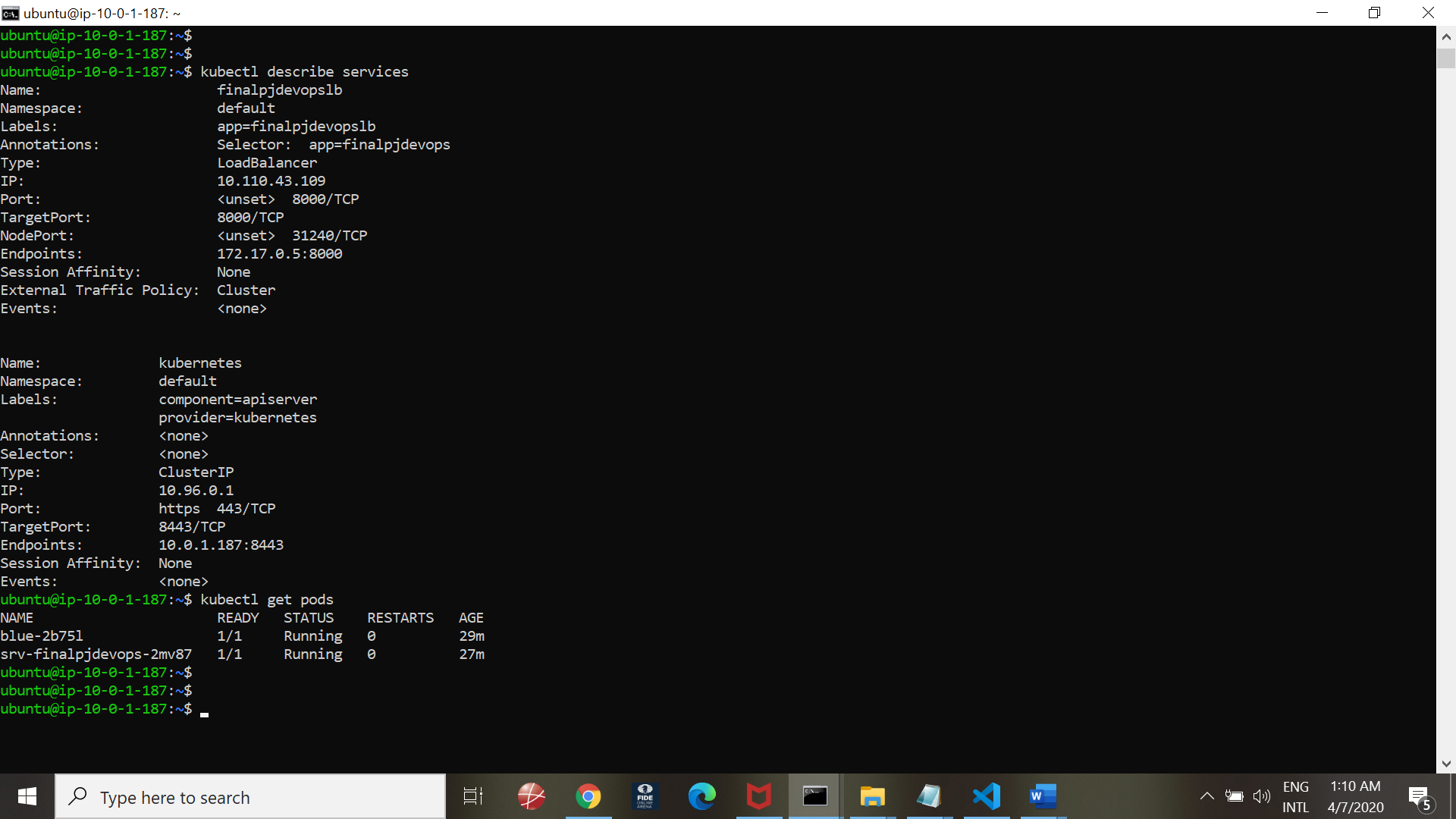


**View from BlueOcean:**



**Kubectl describe services output**

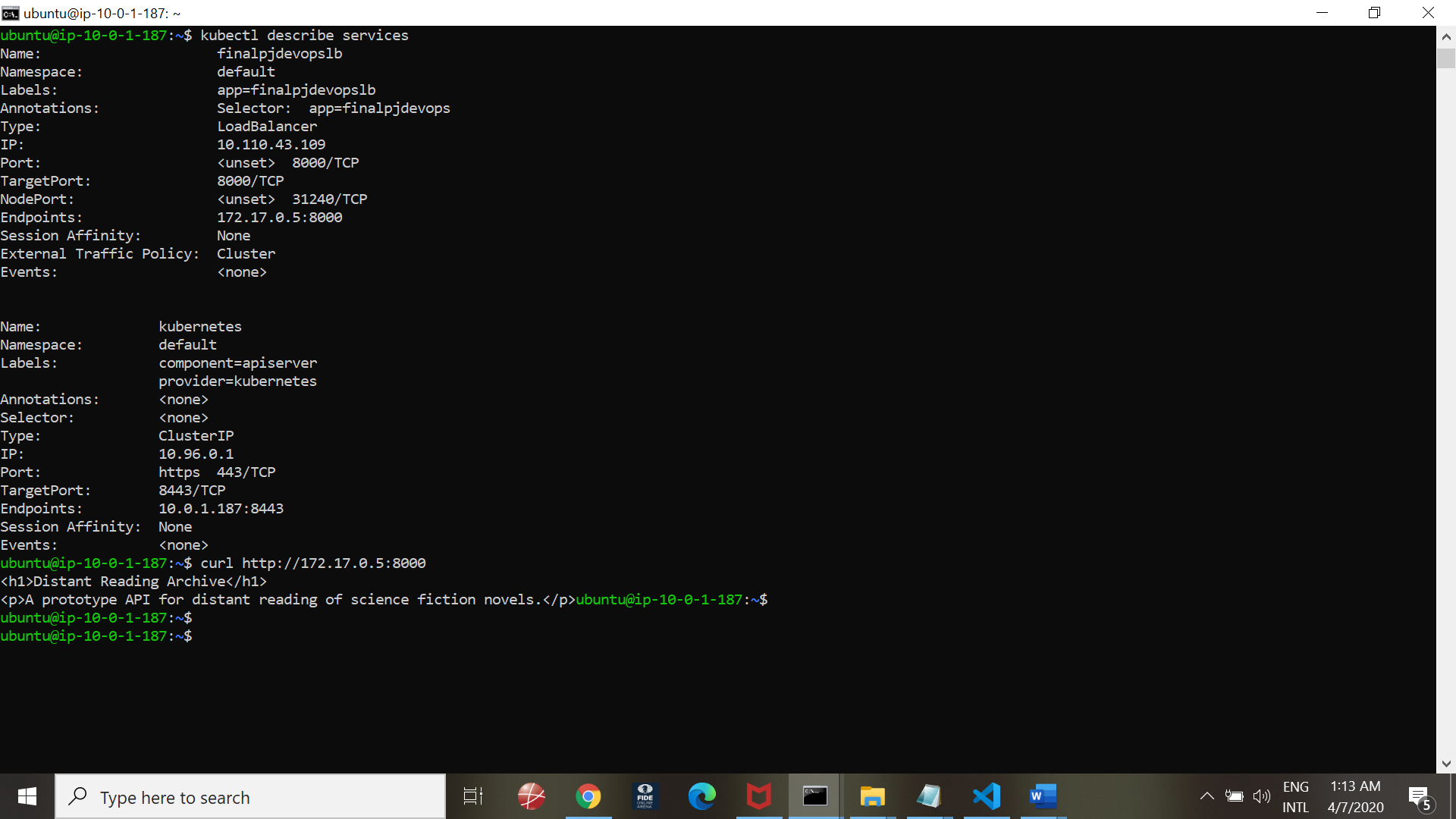
**Kubectl get pods**



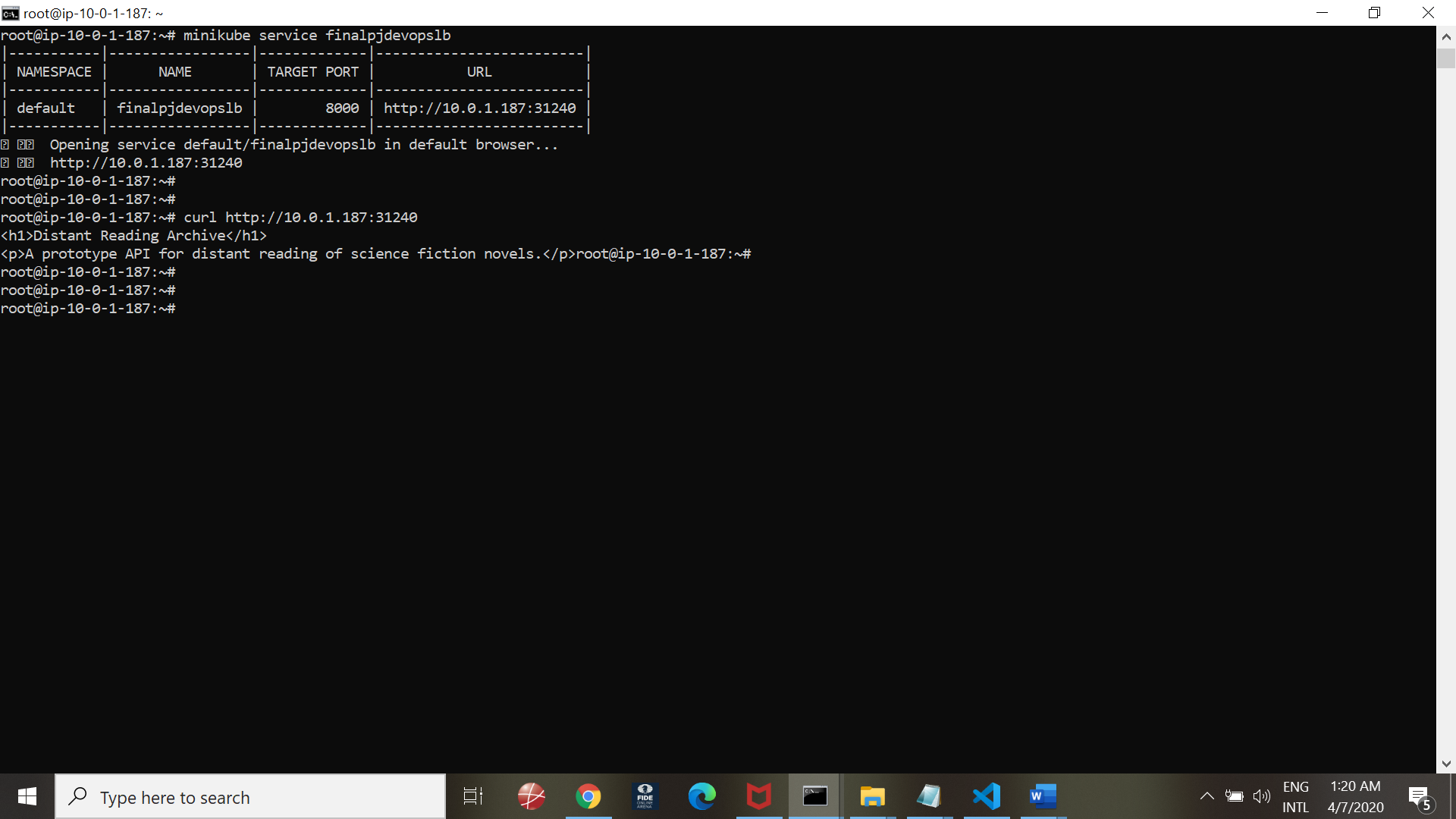
**Tests:**

**Curl command on the endpoint:**

**curl** [**http://172.17.0.5:8000**](http://172.17.0.5:8000)

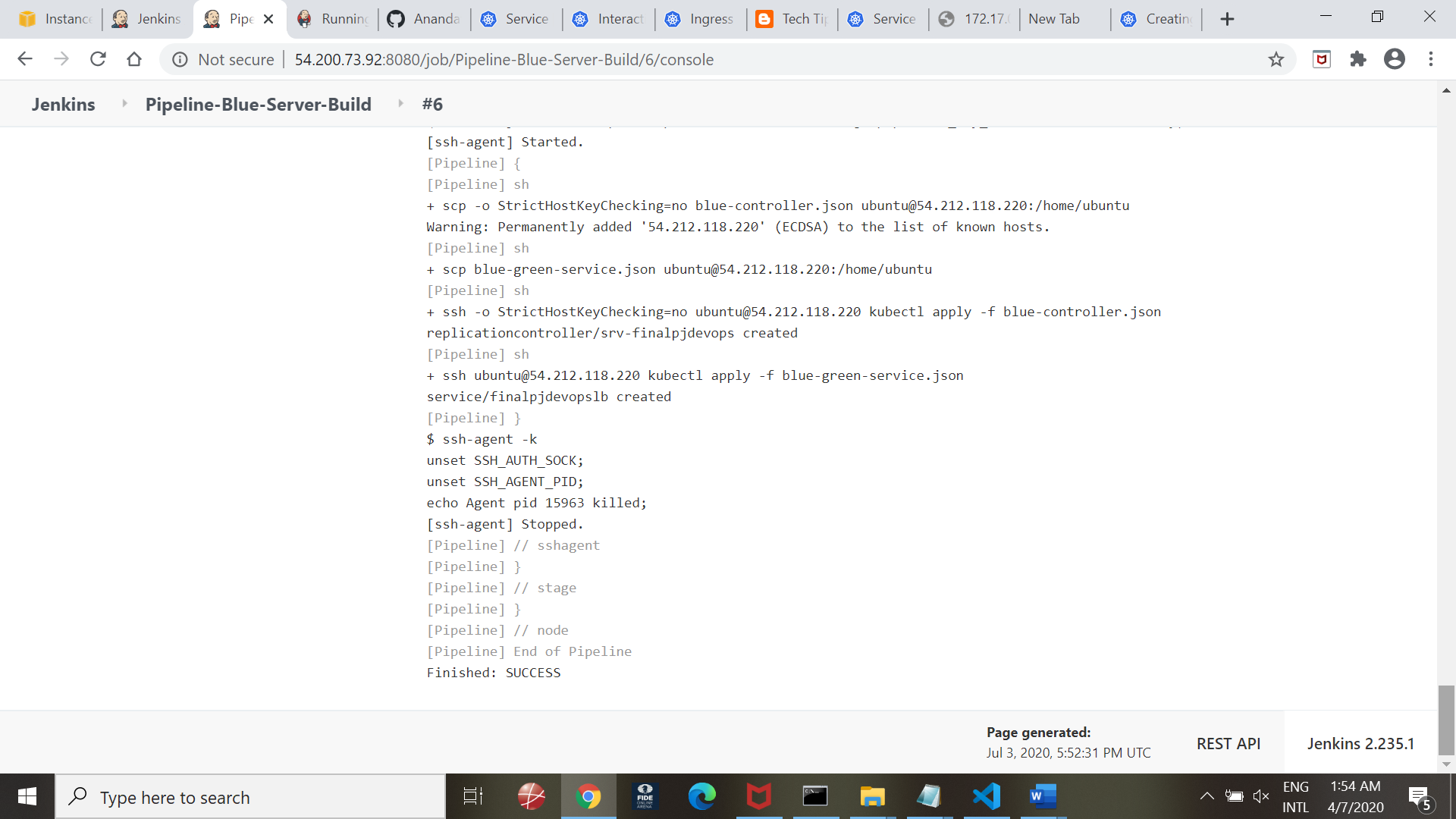


**Minikube output:**

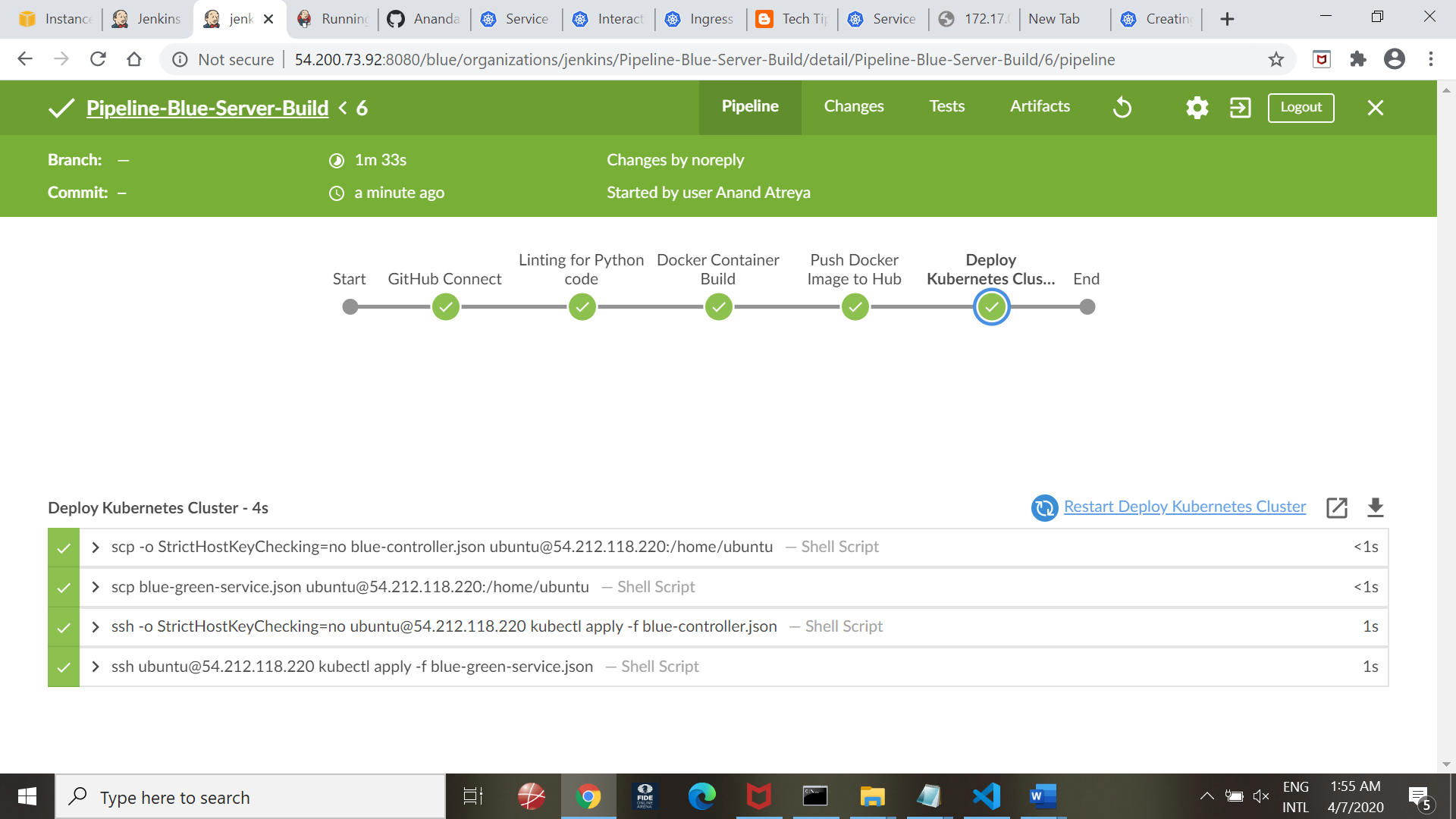


**Blue Deployment:**

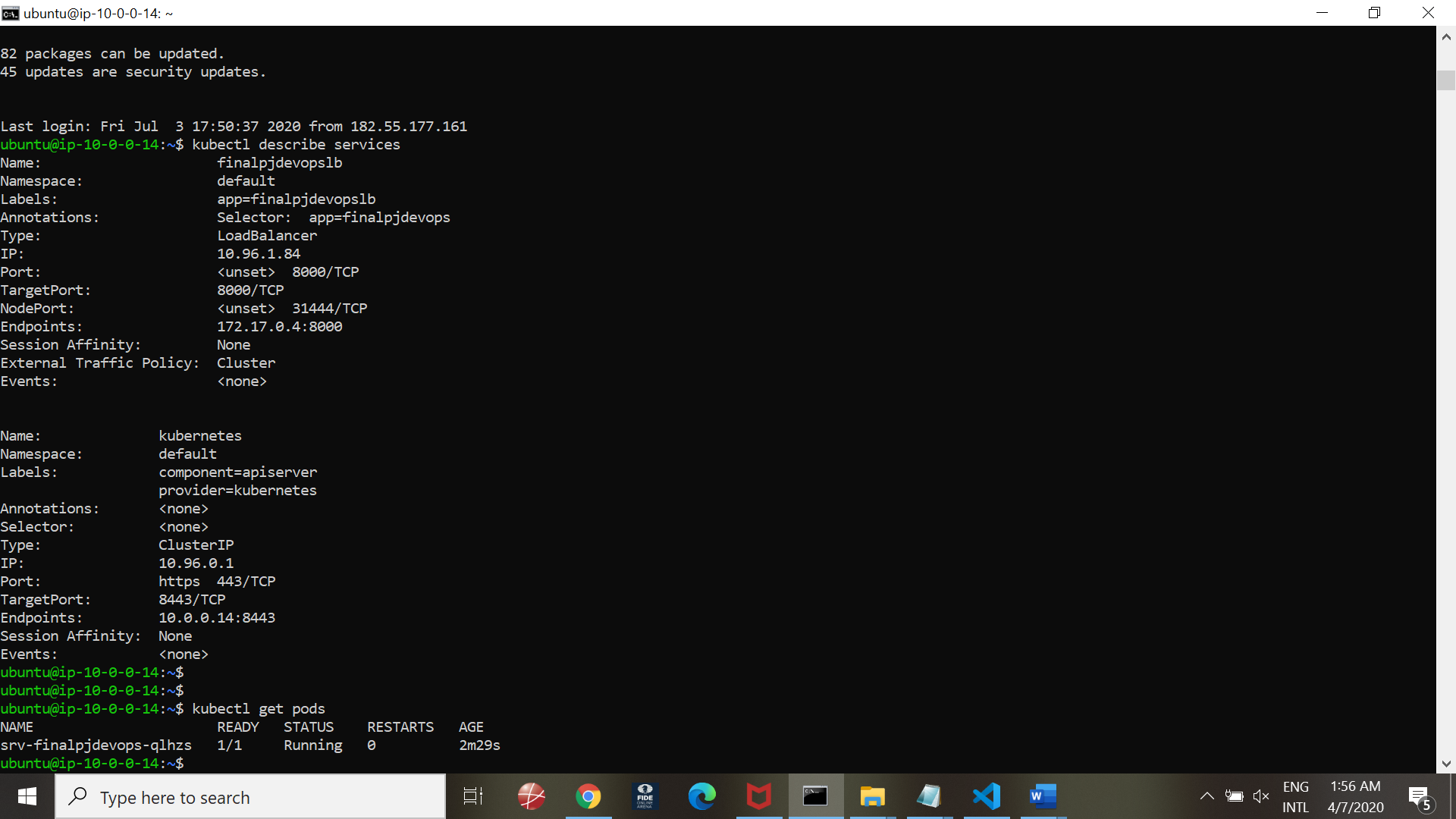
**Ran the Jenkins Pipeline:**



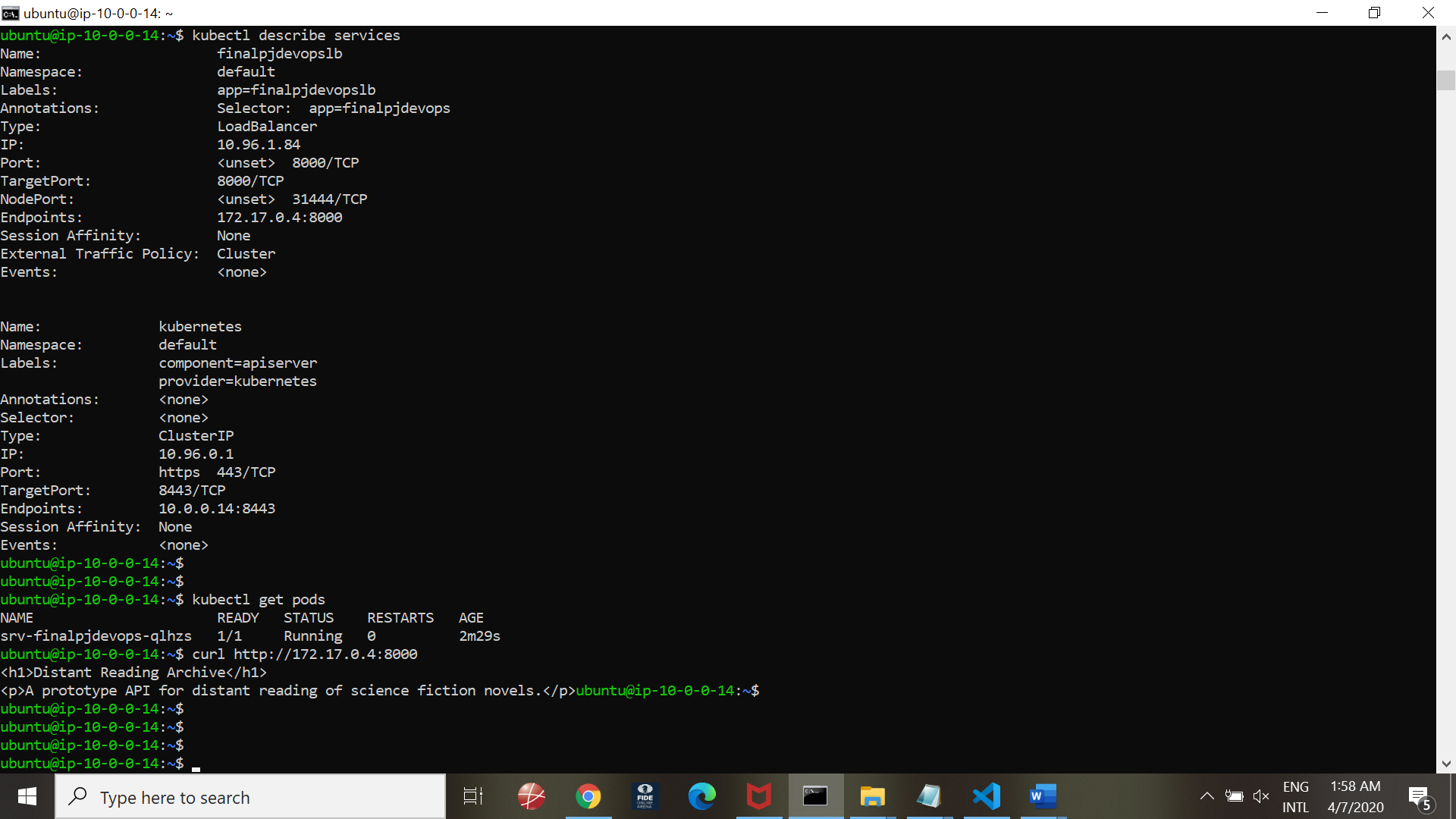
**BlueOcean output:**



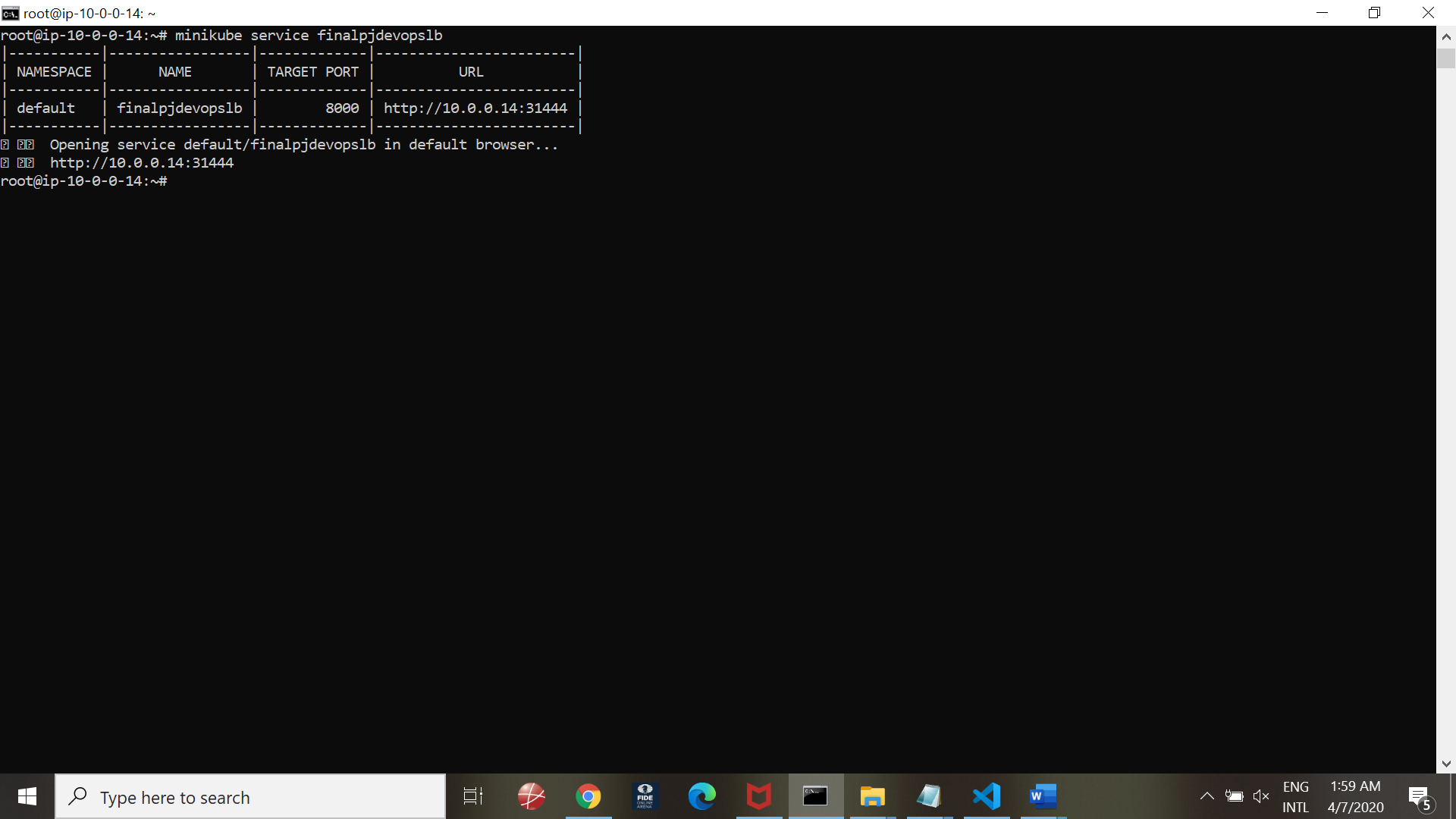
**Verification:**

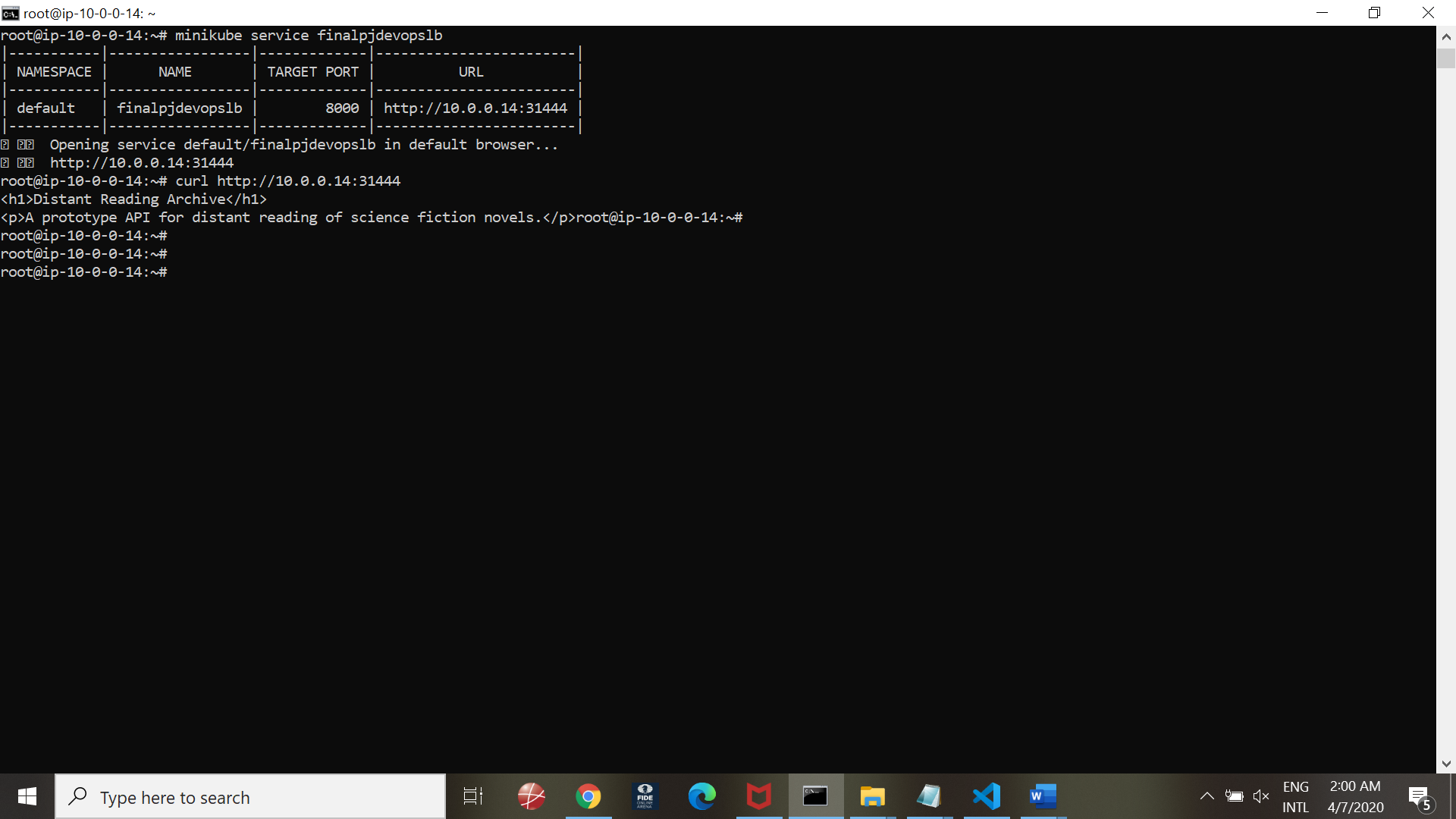


**Basic tests using CURL:**



**Minikube service output:**



**Testing for URL access:** 

END--