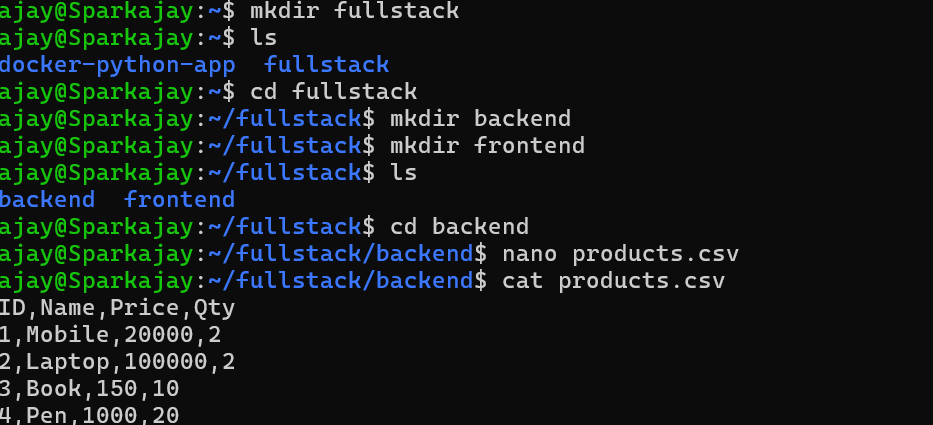
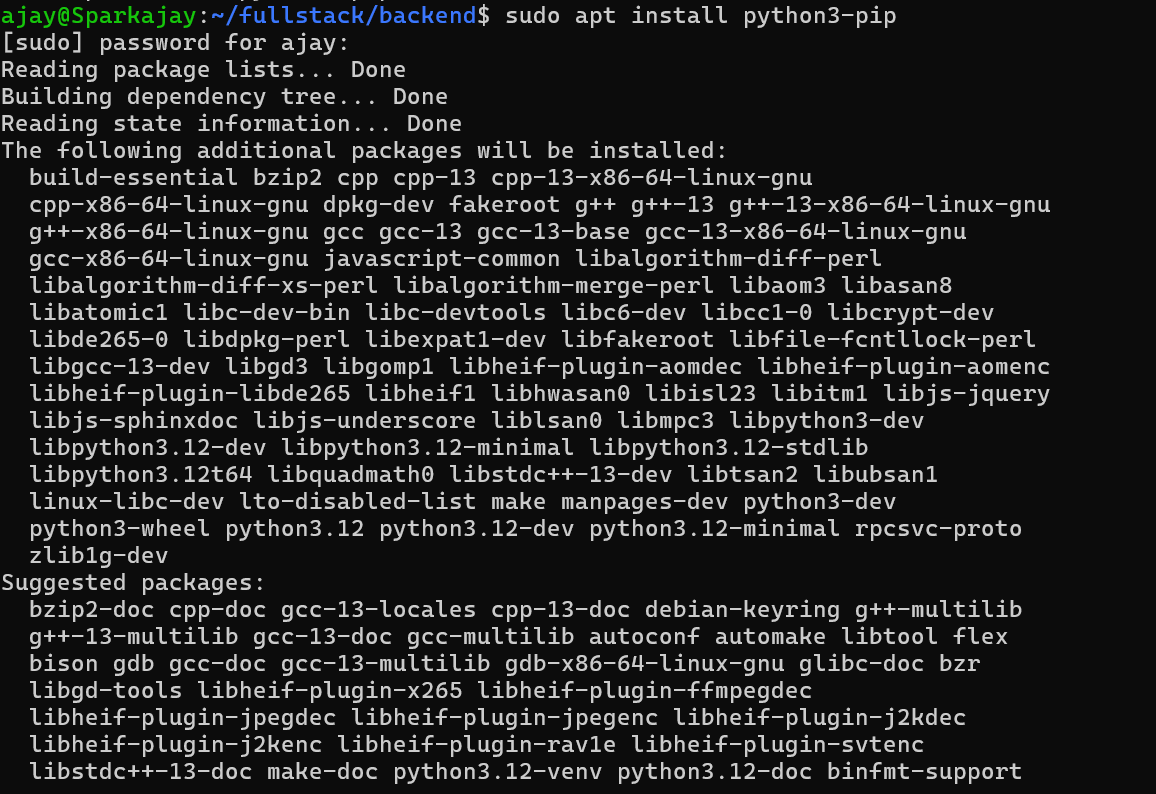
**DEVOPS**

**DAY-3**

To create a one Directory

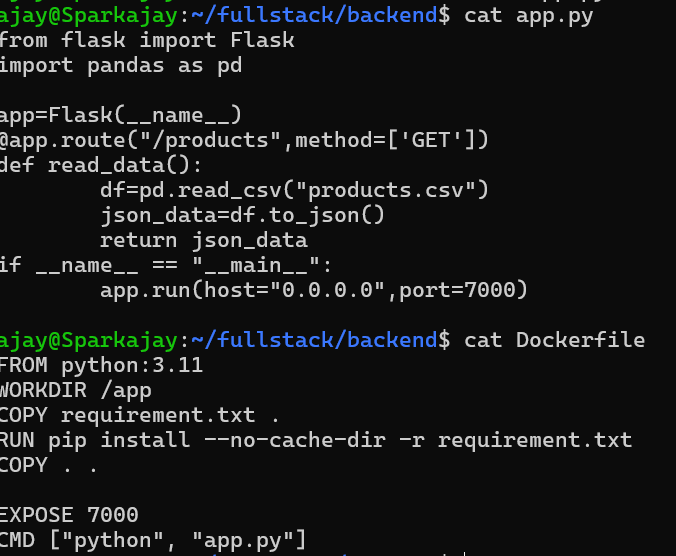


To install python:

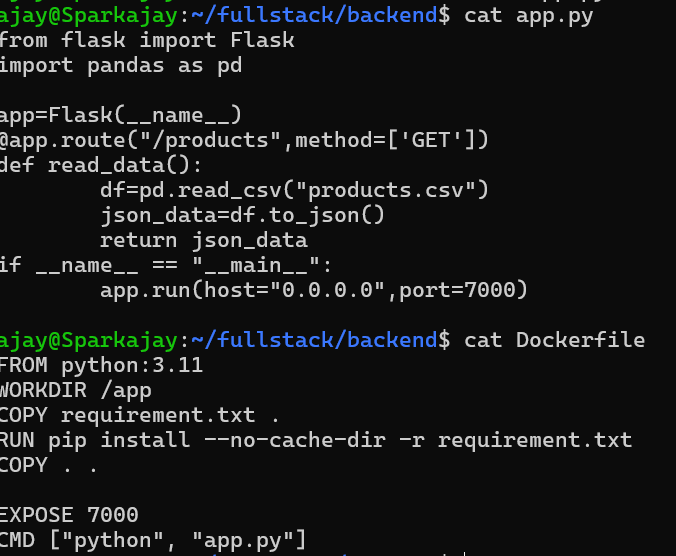


After Creating Python, Create an **Backend** and store the files,

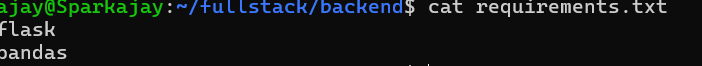
**App.py**



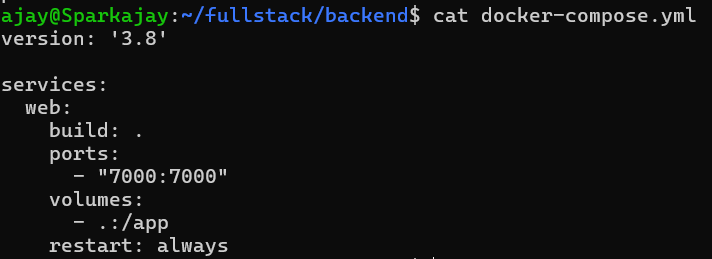
**Docker**



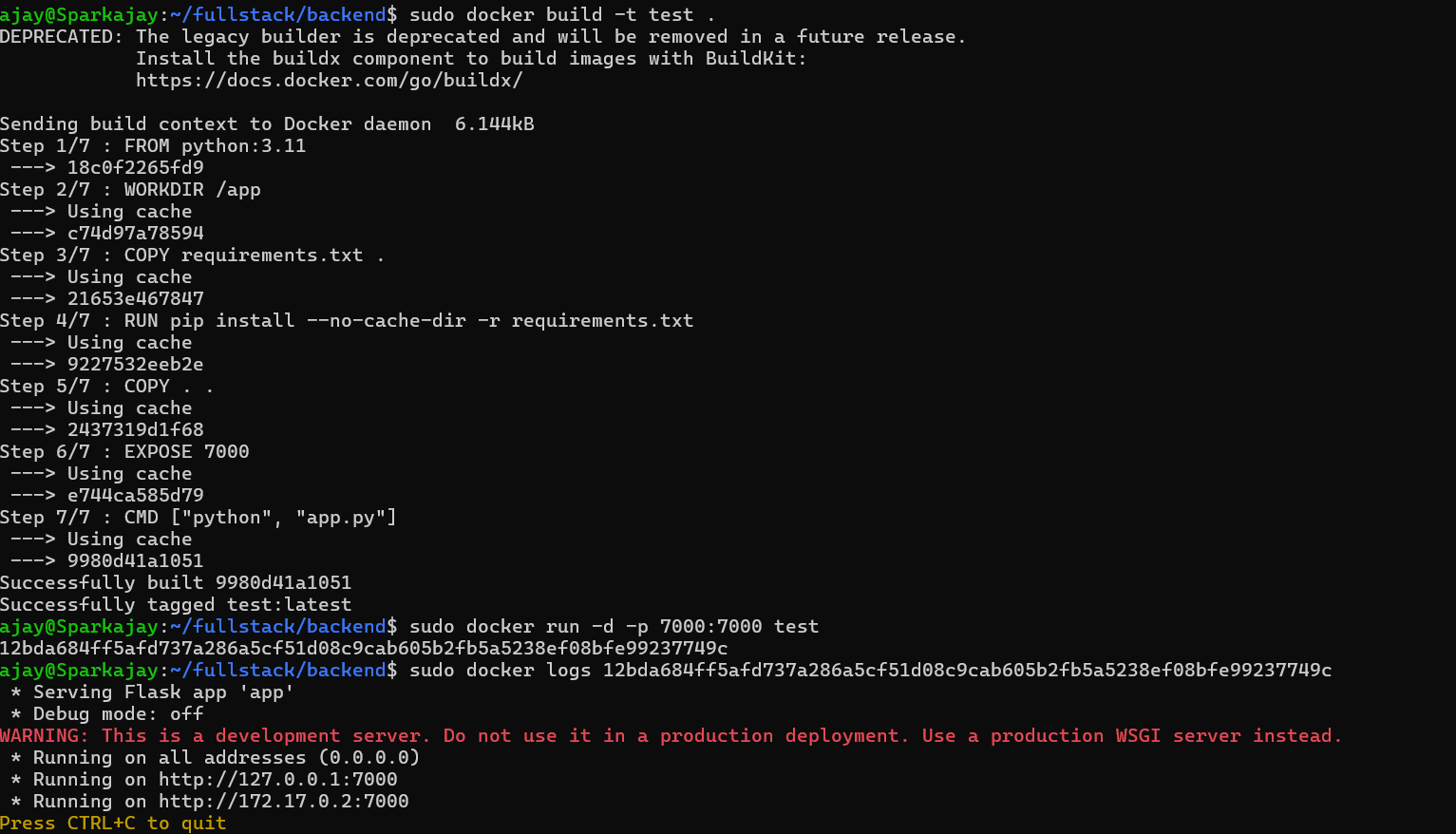
**Requirements.txt:**



**docker-compose.yml**

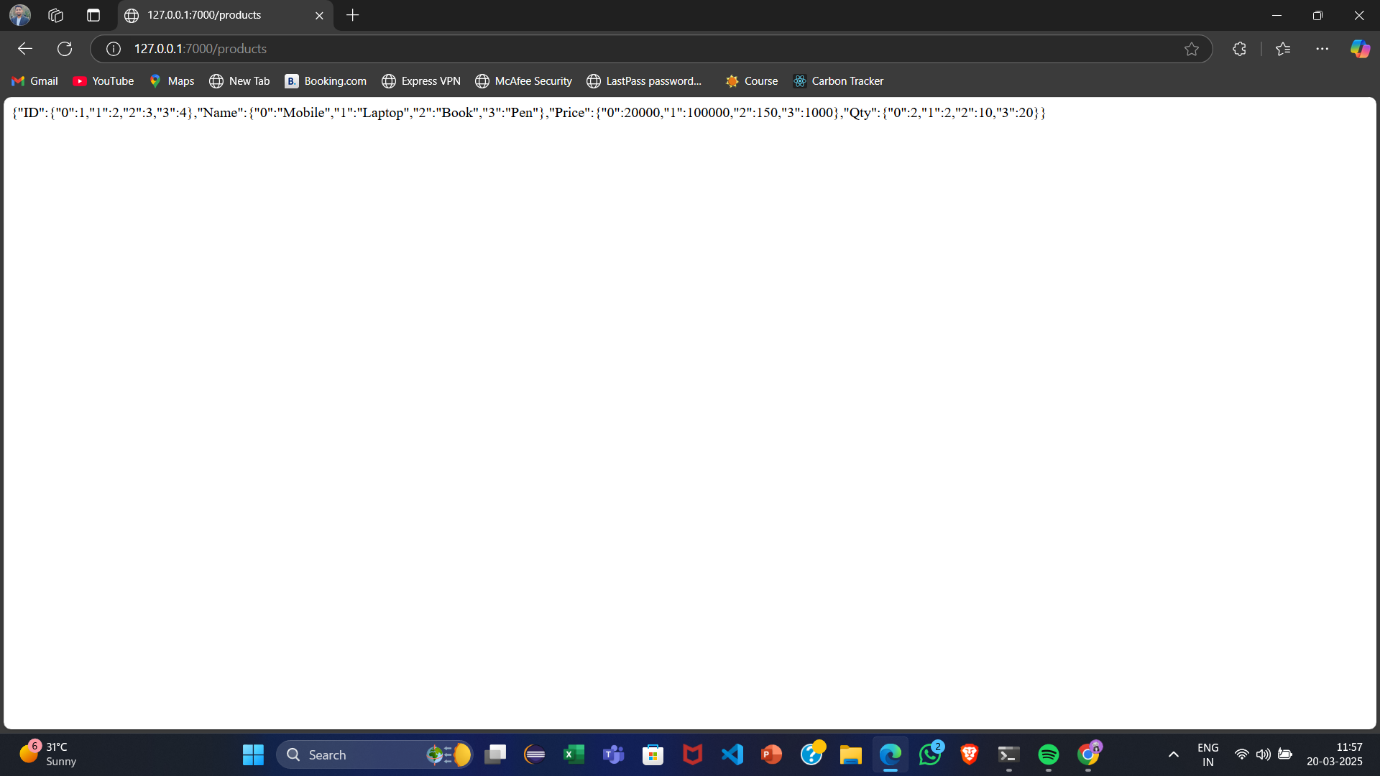


then build Docker and Run the Docker



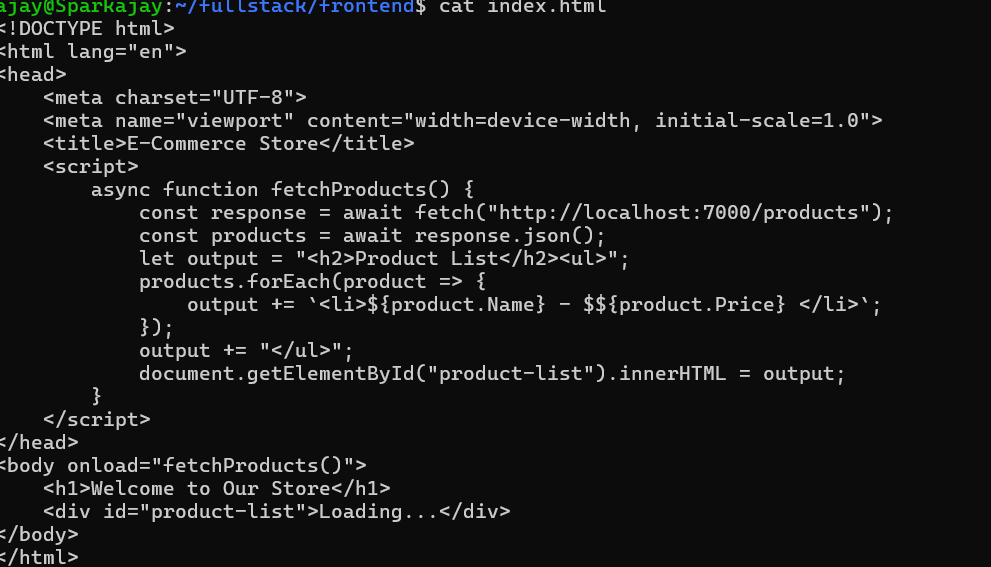
**To see the Output, goto the website and put the URL:**

then it will display the Json format in website

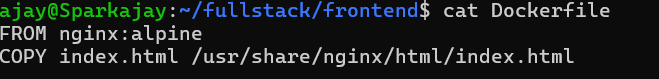
****

In **frontend**, Create the files like

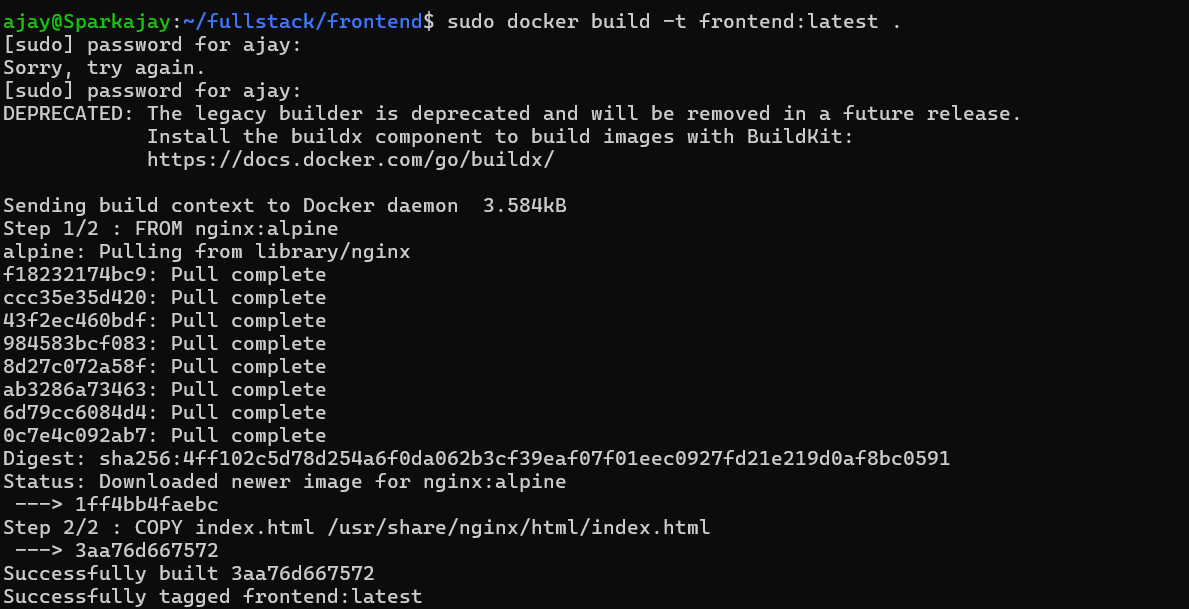
**index.html**



**Dockerfile**

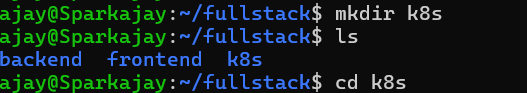
****

**Build the Docker image in Frontend**

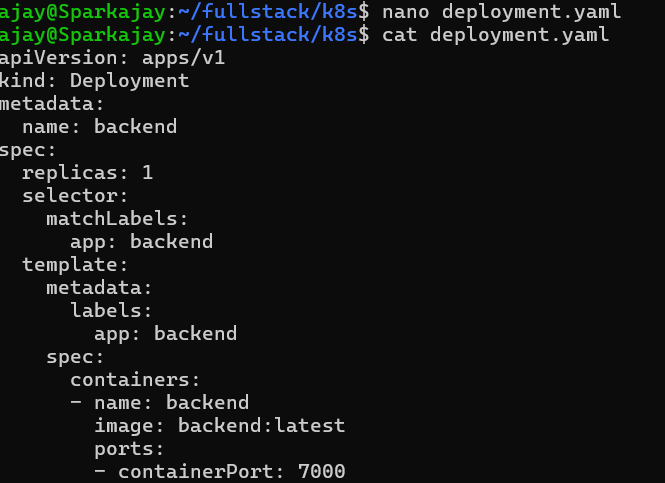
****

**To create an k8s folder in fullstack using mkdir command:**

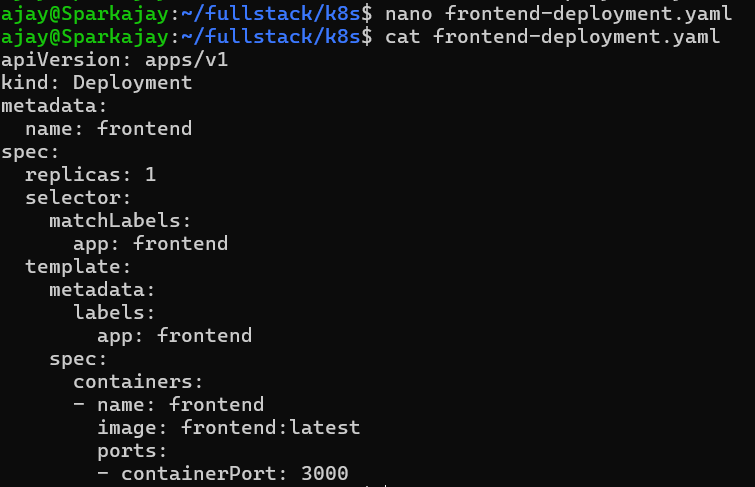
**For deployment use Kubernetes**

****

**Deployment.yaml (for Backend)**

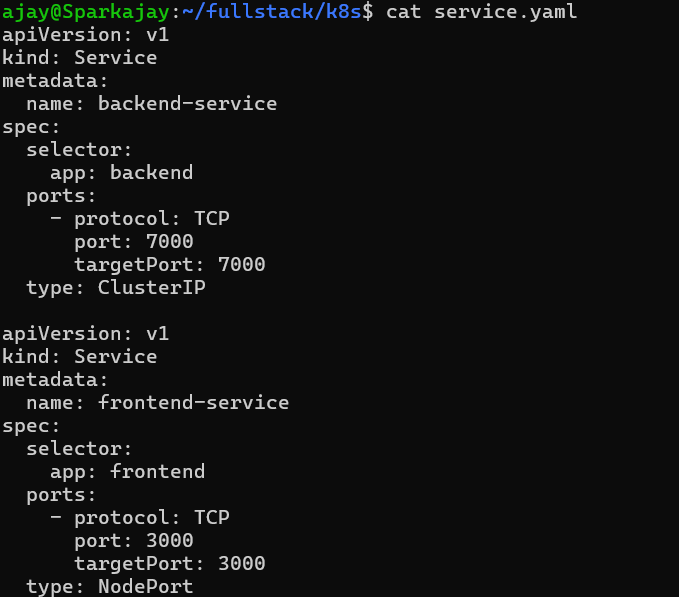
****

**Deployment.yaml (for Frontend)**

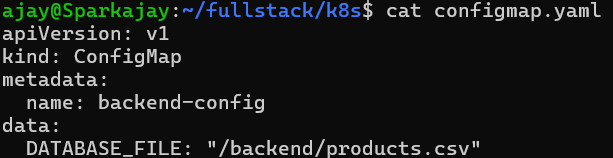
****

**Service.yaml:**

For **frontend-** nodeport **backend-**cluster IP

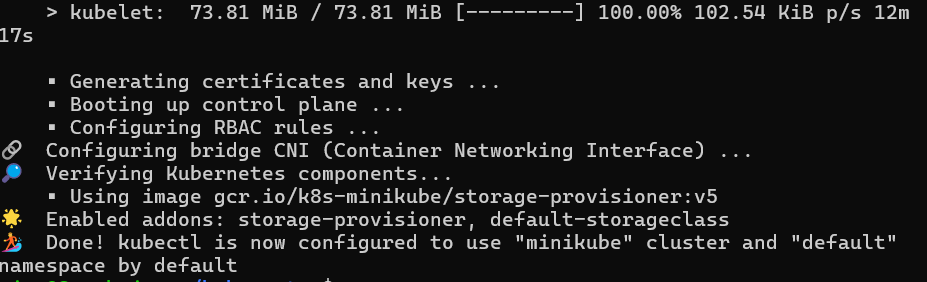
****

**Configmap.yaml:**

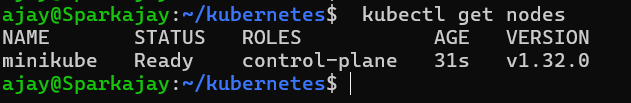
****

**Day-4**

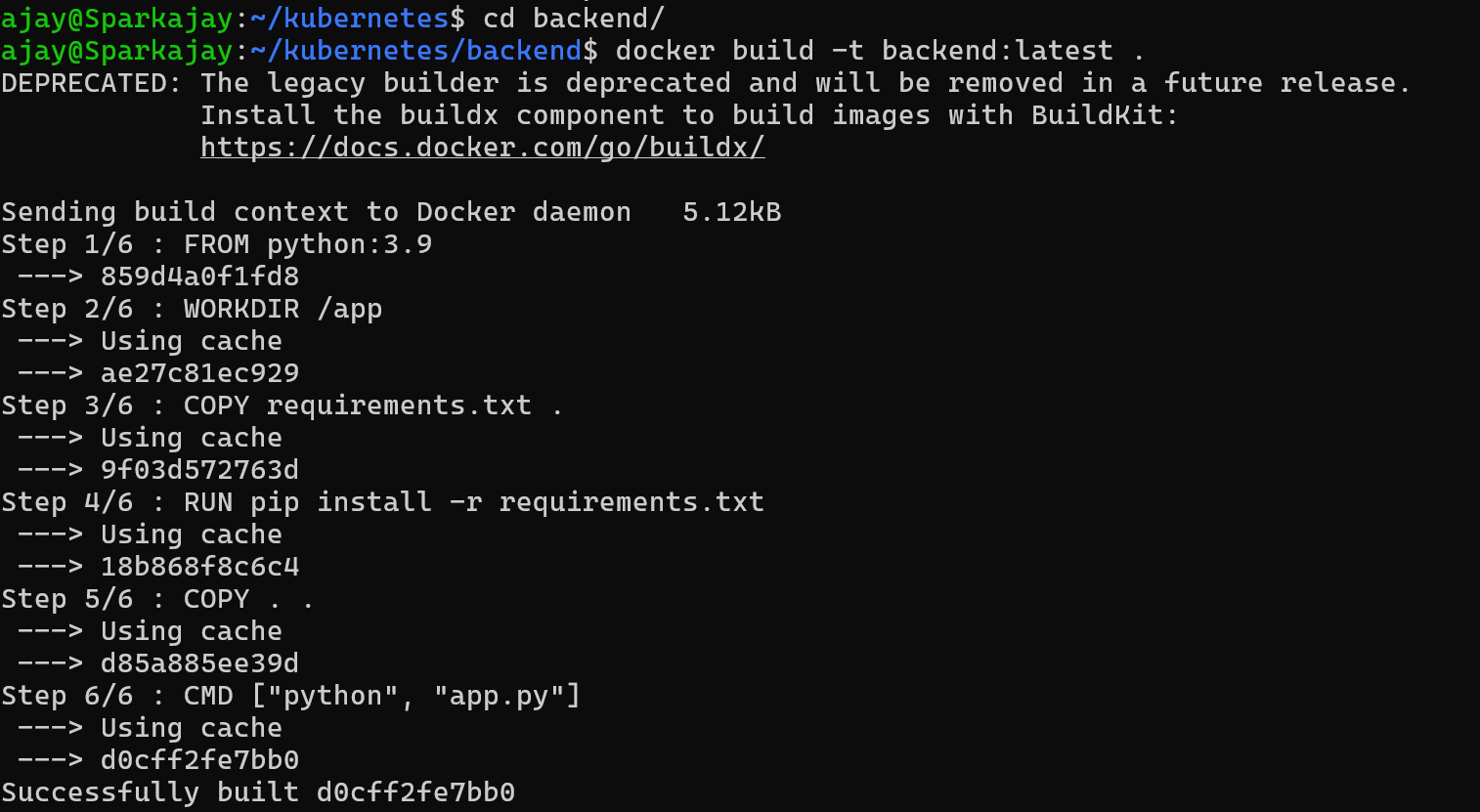
**Minikube start:**

****

**Kubectl nodes:**

****

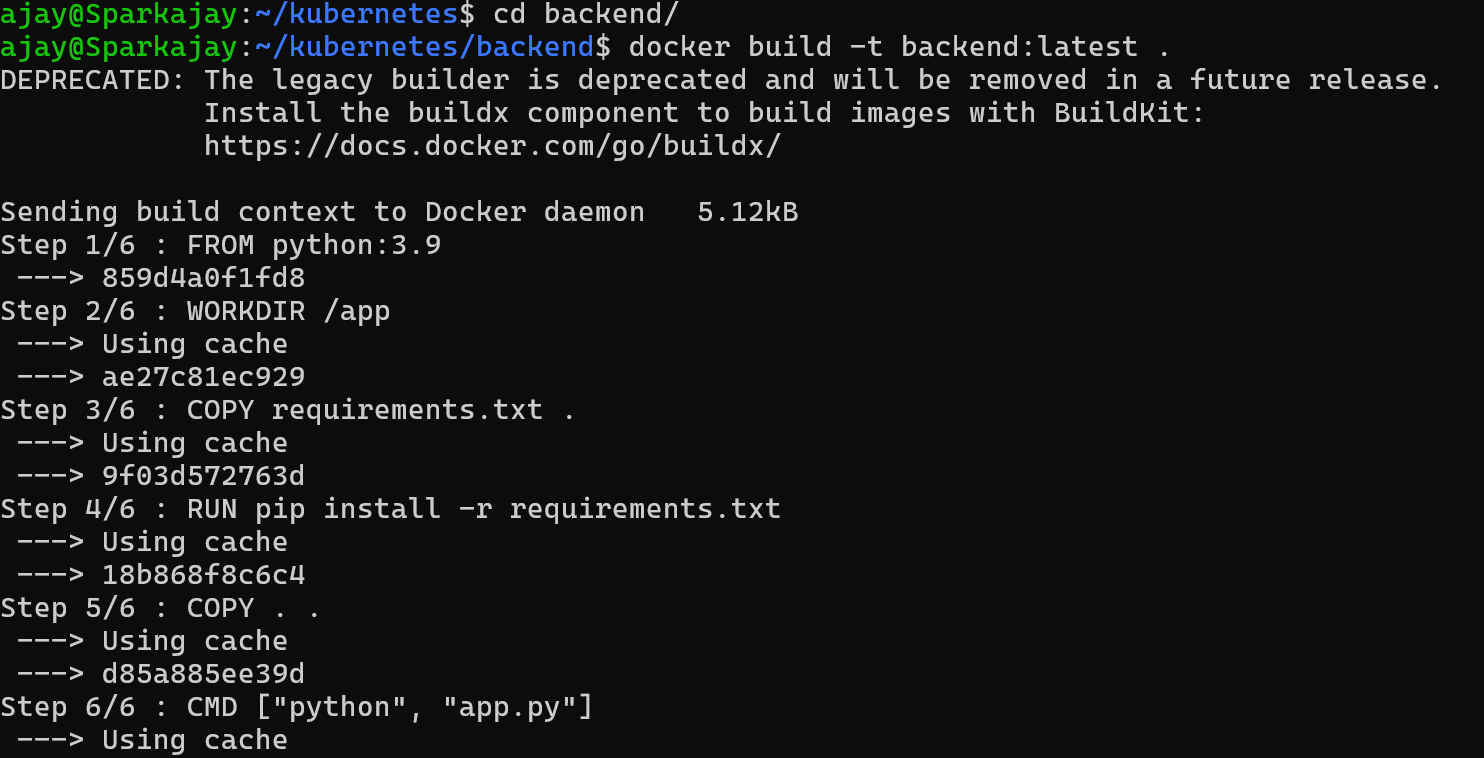
**To Build docker in Backend**



**Minikube for backend:**



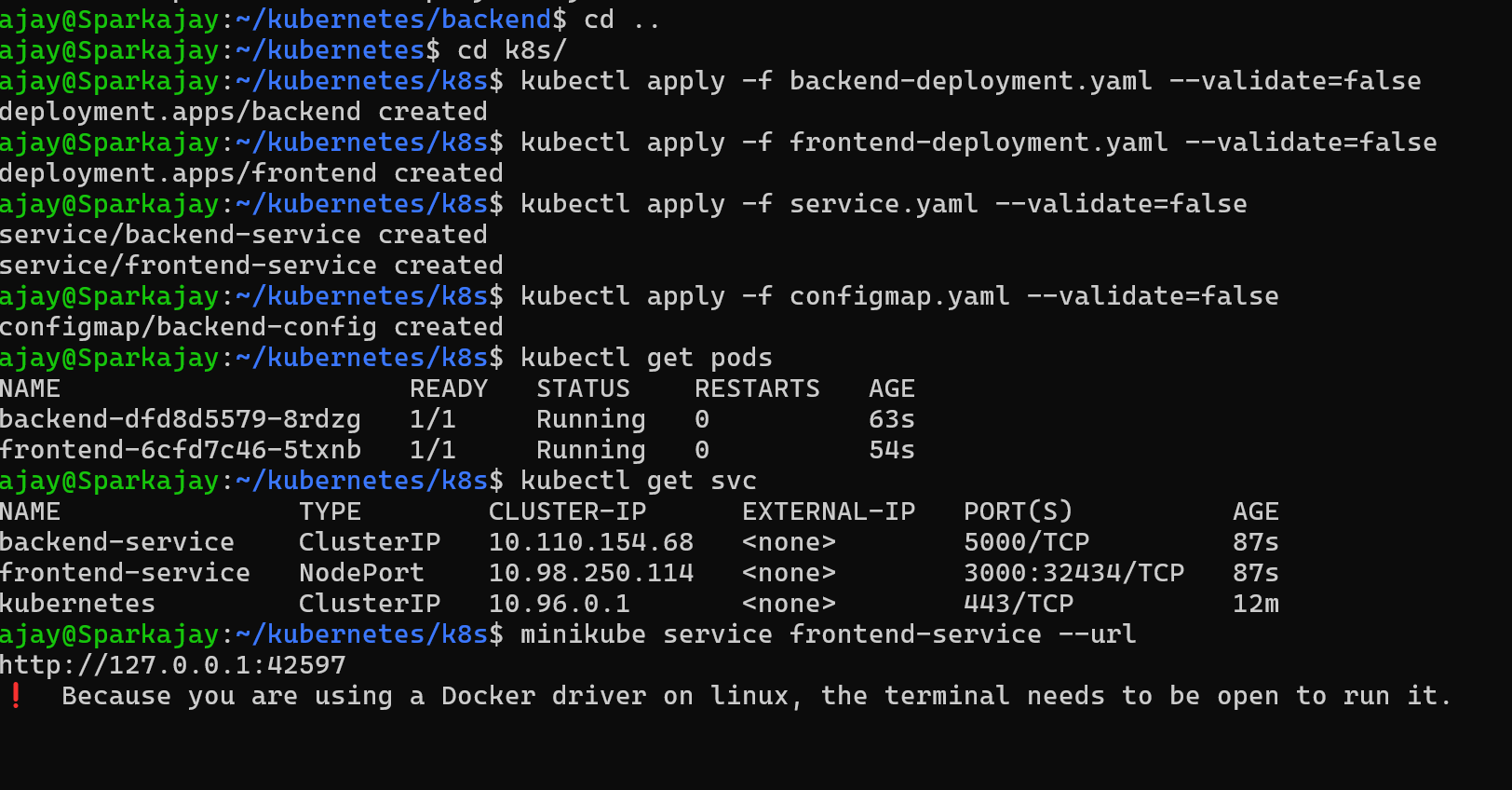
**To Build Docker in Frontend**:



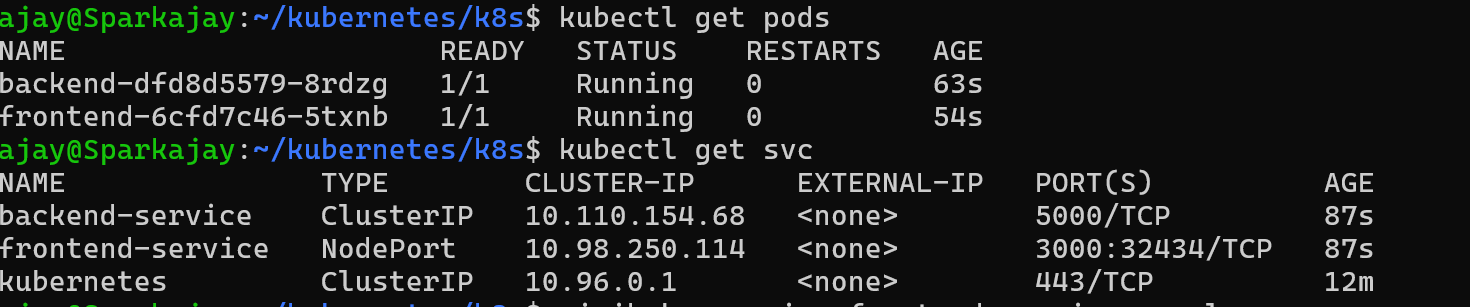
**Minikube for frontend:**



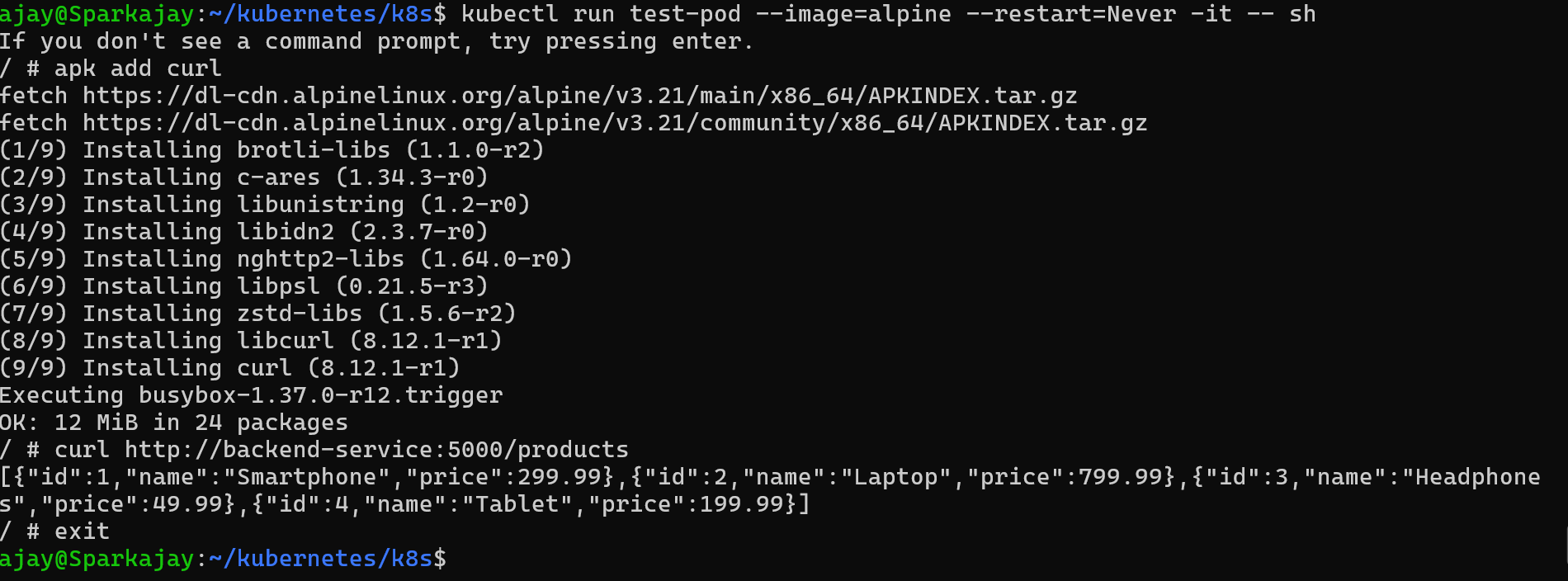
To create a Deployment file for Kubernetes for frontend, Backend, service.yaml,



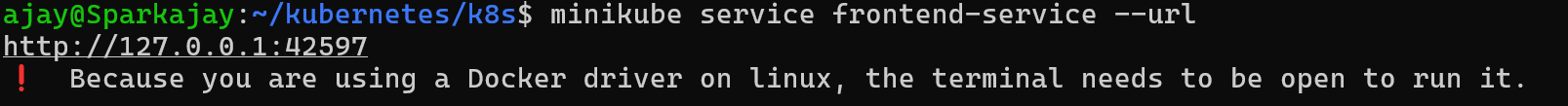
**Create an pods and svc**



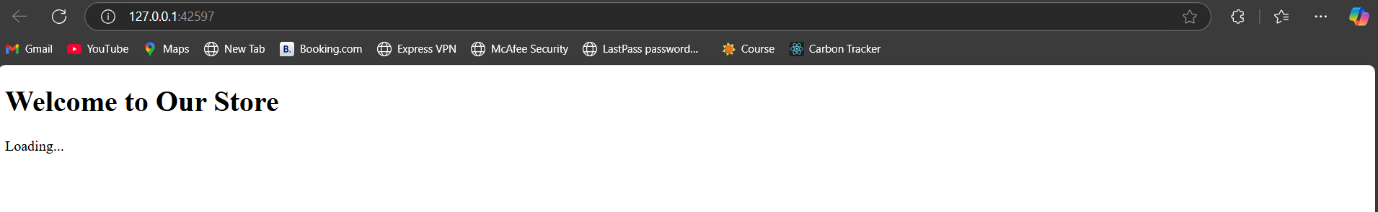
We can see the Output by using Curl command

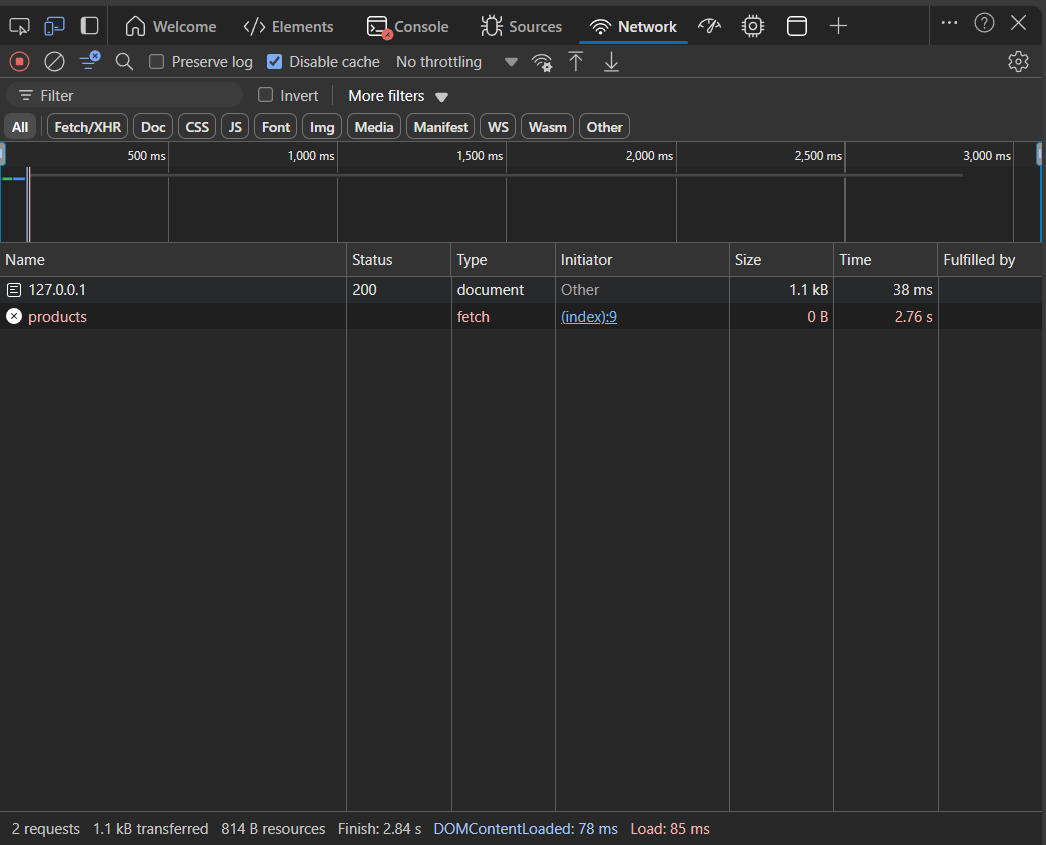


**To run the frontend**



**Output**





**Note** : Since, we are expected this kind of output, because we are running this frontend in localhost.