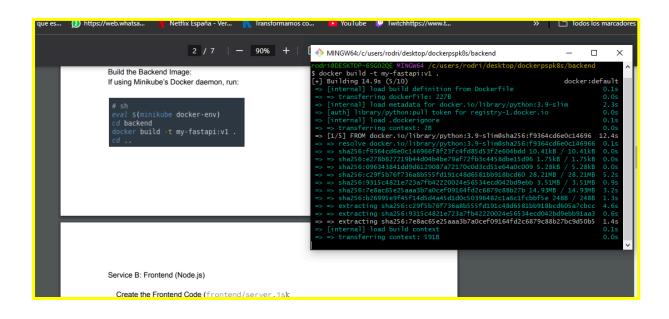
Part 1: Set Up Your Kubernetes Environment

Done 🔽

Part 2: Create and Containerize Your Services



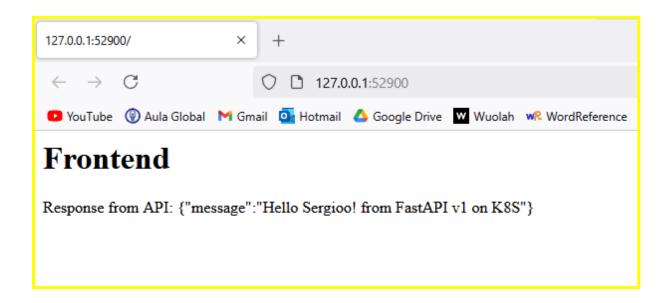
```
rodri@DESKTOP-6SG02QE MINGW64 /c/users/rodri/desktop/dockerpspk8s
$ kubectl apply -f frontend-service.yaml
service/frontend-service unchanged
rodri@DESKTOP-6SG02QE MINGW64 /c/users/rodri/desktop/dockerpspk8s
$ kubect1 get pods
                                       READY
                                               STATUS
                                                         RESTARTS
NAME
                                                                    AGE
backend-deployment-6f76f5dd54-qmtgq
                                       1/1
                                               Running
                                                         0
                                                                    110s
backend-deployment-6f76f5dd54-rf6jf
                                       1/1
                                               Running
                                                         0
                                                                    110s
frontend-deployment-5c64db6b56-nqthn
                                       1/1
                                               Running
                                                         0
                                                                    105
frontend-deployment-5c64db6b56-vksmh
                                                         0
                                       1/1
                                               Running
                                                                    13s
rodri@DESKTOP-6SG02QE MINGW64 /c/users/rodri/desktop/dockerpspk8s
```

Part 3: Deploy Services to Kubernetes

```
rodri@DESKTOP-6SG02QE MINGW64 /c/users/rodri/desktop/dockerpspk8s

$ minikube service frontend-service --url
http://127.0.0.1:59951
! Porque estás usando controlador Docker en windows, la terminal debe
ra ejecutarlo.
```

Open the URL in your browser



Part 4:

1. Modify the Backend API Code for an Upgrade Edit backend/app.py so that the API returns a different message (for example, indicating version 2):





drodri@DESKTOP-6SG02QE MINGW64 /c/users/rodri/desktop/dockerpspk8s
\$ kubectl rollout status deployment/backend-deployment
deployment "backend-deployment" successfully rolled out