TASK 5.1P
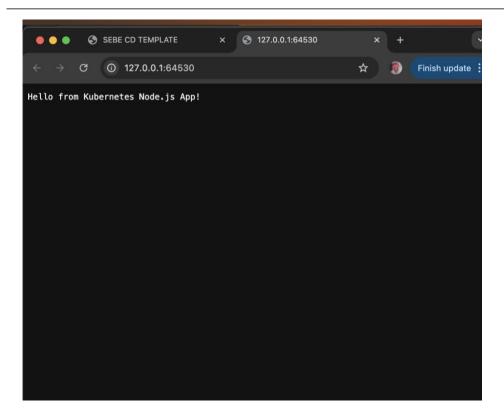
NODE JS WEB SERVER USING DOCKER (KUBERNETES CONFIGURATION)

Github repo link: https://github.com/DanielTownleyyy/sit323-2025-prac6p

CODE EXPLINATION / SCREENSHOTS

Here is the running web server.

Alright so the Deployment.yaml was used a Kubernetes configuration file that tells the cluster how to deploy and manage a group of identical pods running the containerized application

The dockerfile packaged the node.js app into a docker container

The server.js responds with a message when accessed via http port 3000

Service.yaml is a Kubernetes configuration that exposes your deployed app to the outside world via nodeport (so it can access its browser (in a browser)