### Task 3, Creating docker files and Kubernetes yaml manifests.

Here we generate the docker images and Kubernetes .yaml files.

As we are running the MongoDB using MongoDB Atlas, we do not need to worry about running the database on a separate pod to retain persistence ourselves.

The Connections are achieved using the connection uri stored in the .env files

#### **Getting Started**

To run this project, you will need

Java 11+

Maven 3.6+

**Docker Desktop application** 

#### Installation

git clone

https://github.com/NikhilKumar2444/Kaiburr-Task-

3.git

To create the docker image locally:

Startup command prompt

Navigate to the local repository docker

build -t crudkaiburr8:latest.

To run: docker run -p 8888:8080 crudkaiburr8

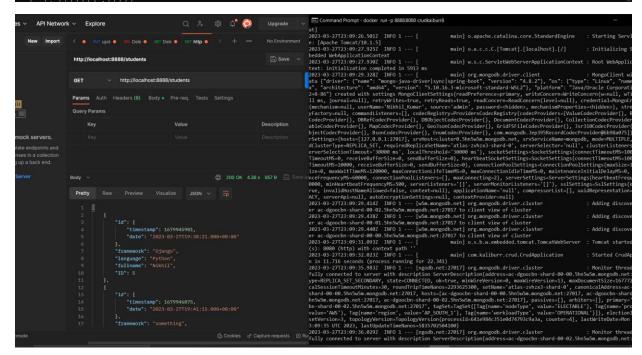
Start PowerShell (Windows)/Terminal (Mac) - Navigate to installation directory : kubectl apply -f k8s.yaml

The REST API should be available on port :8080

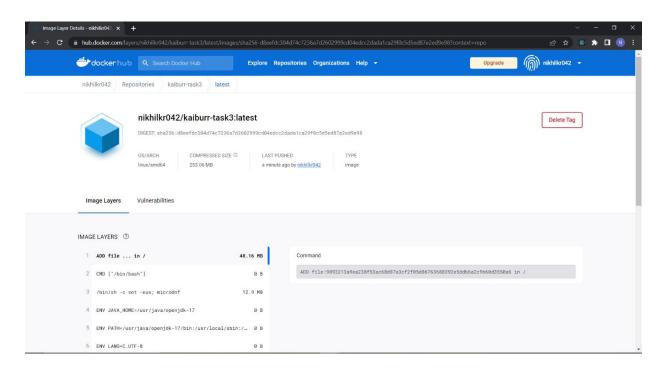
# **Output Screenshots**

Creating Docker image and running on port:8888

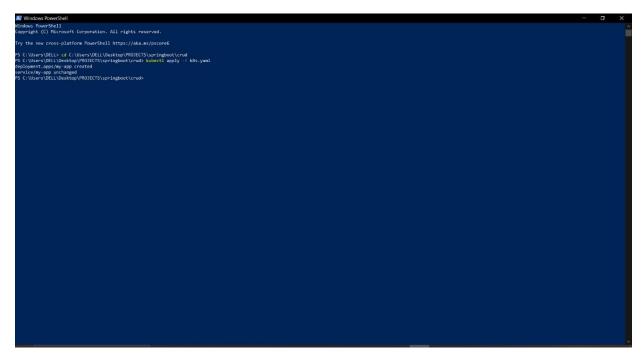
```
| Command Prompt - doctor non - p 88888000 crudualbumb | C
```







# Using the kubernetes yaml manifest



## Running on port 8080:



