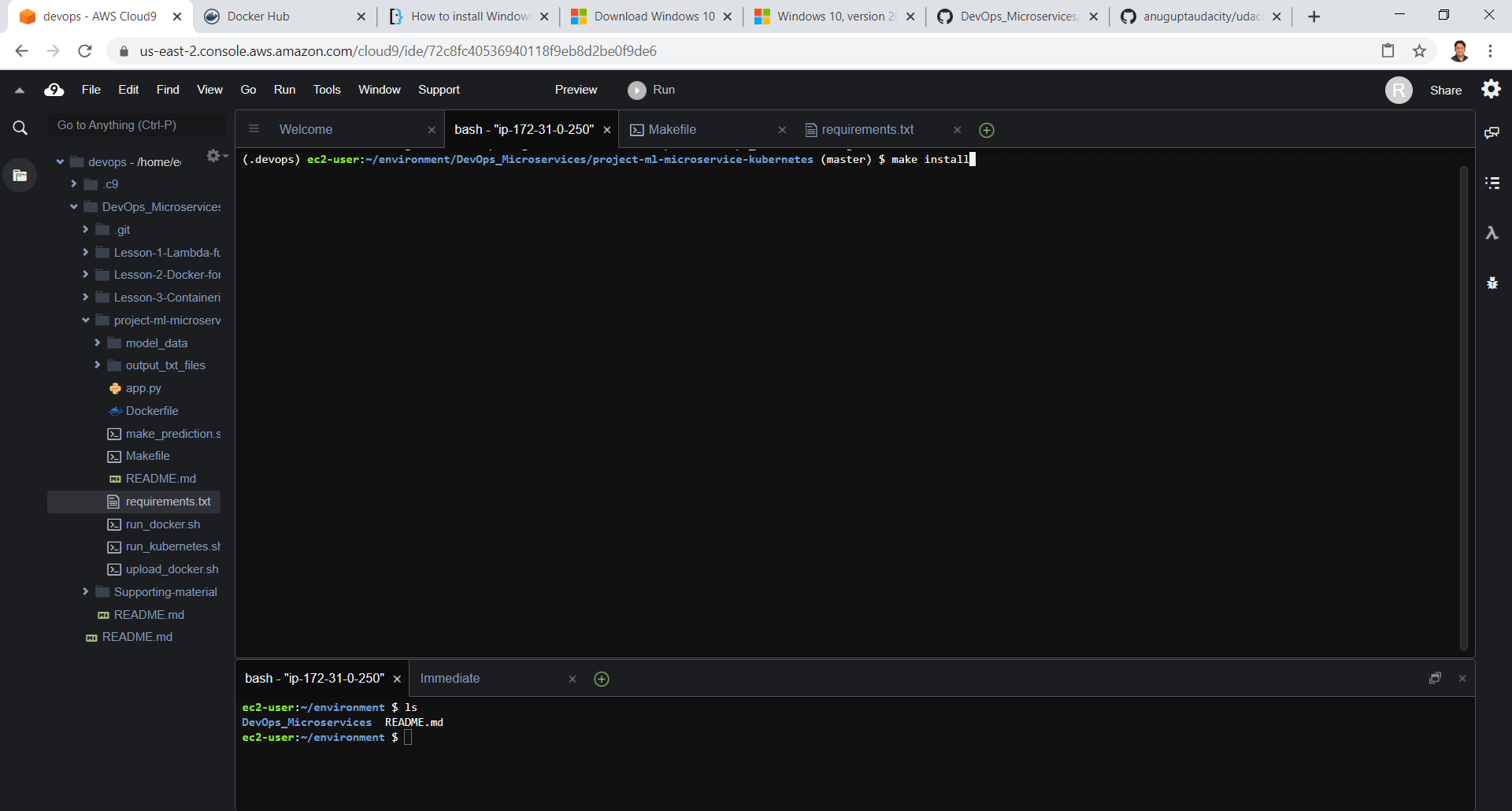
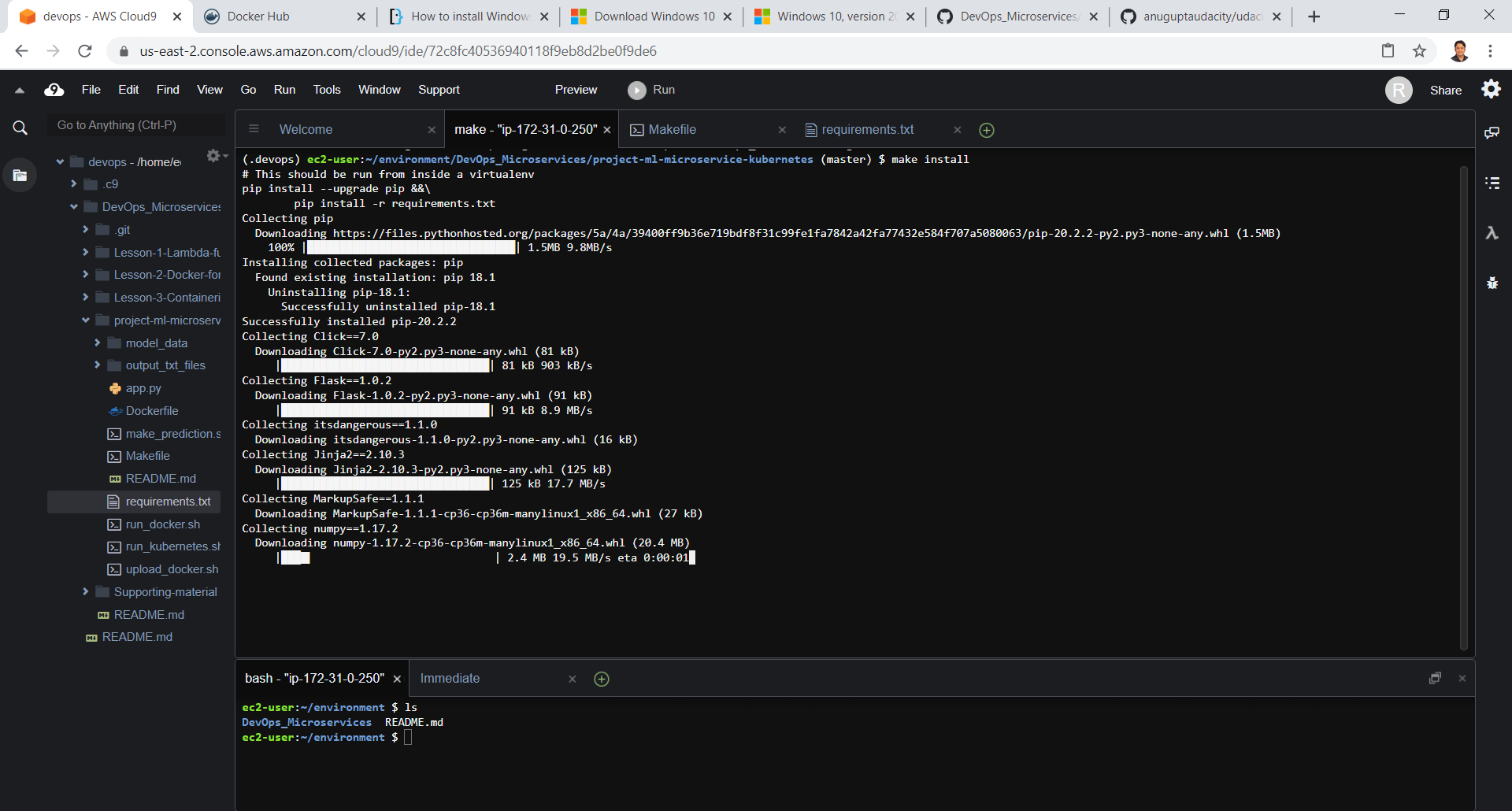
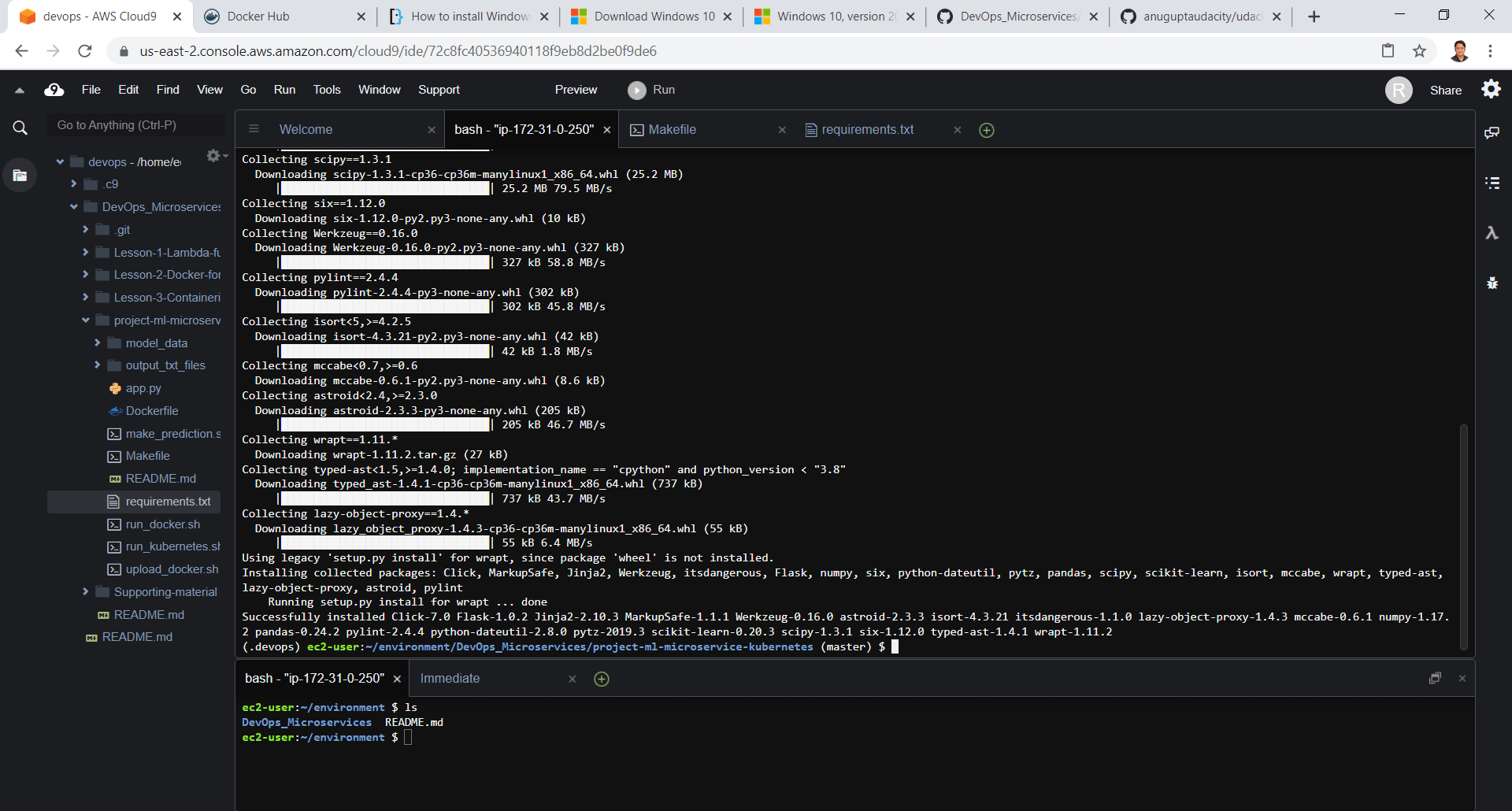


Make install

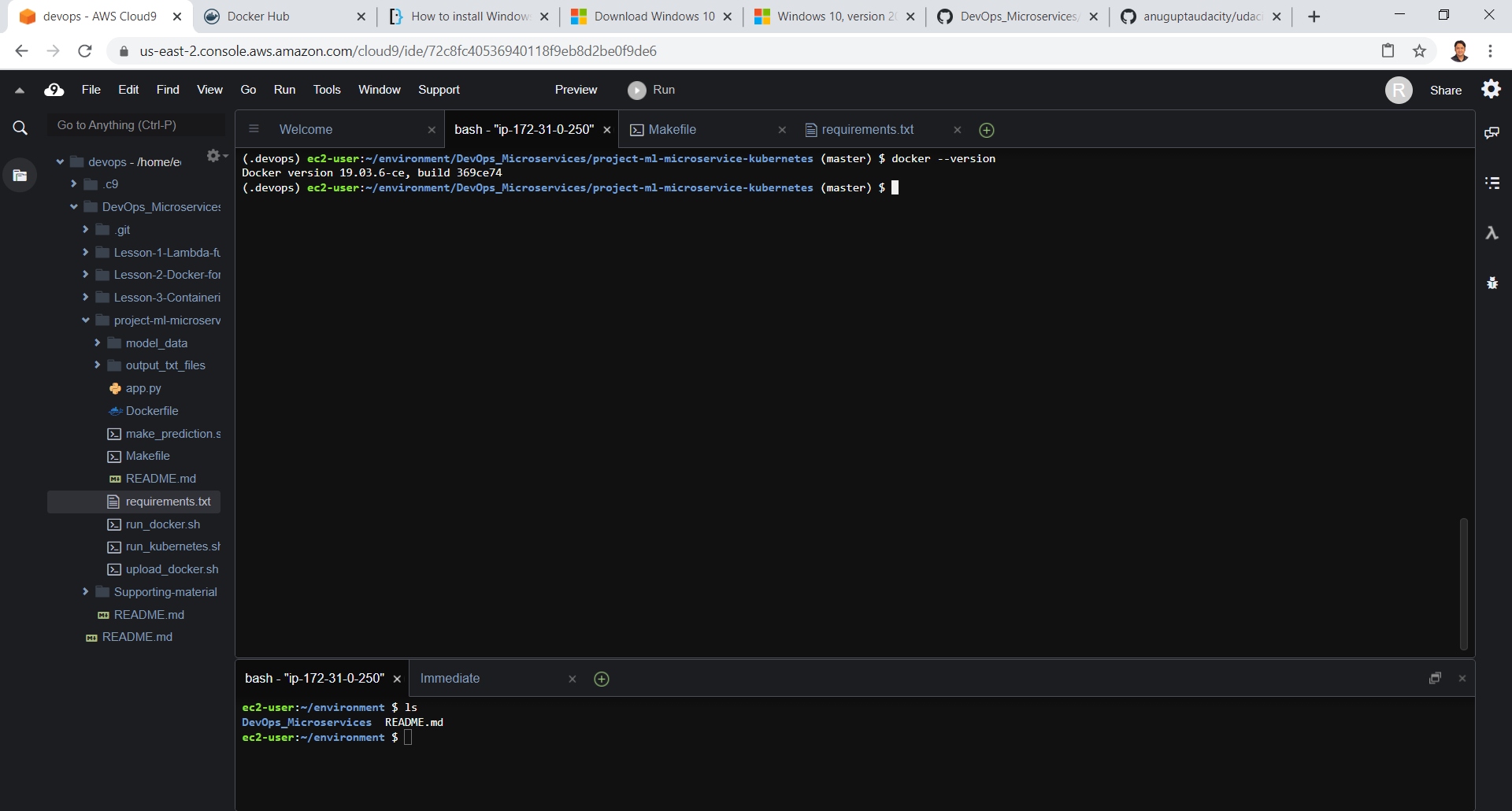




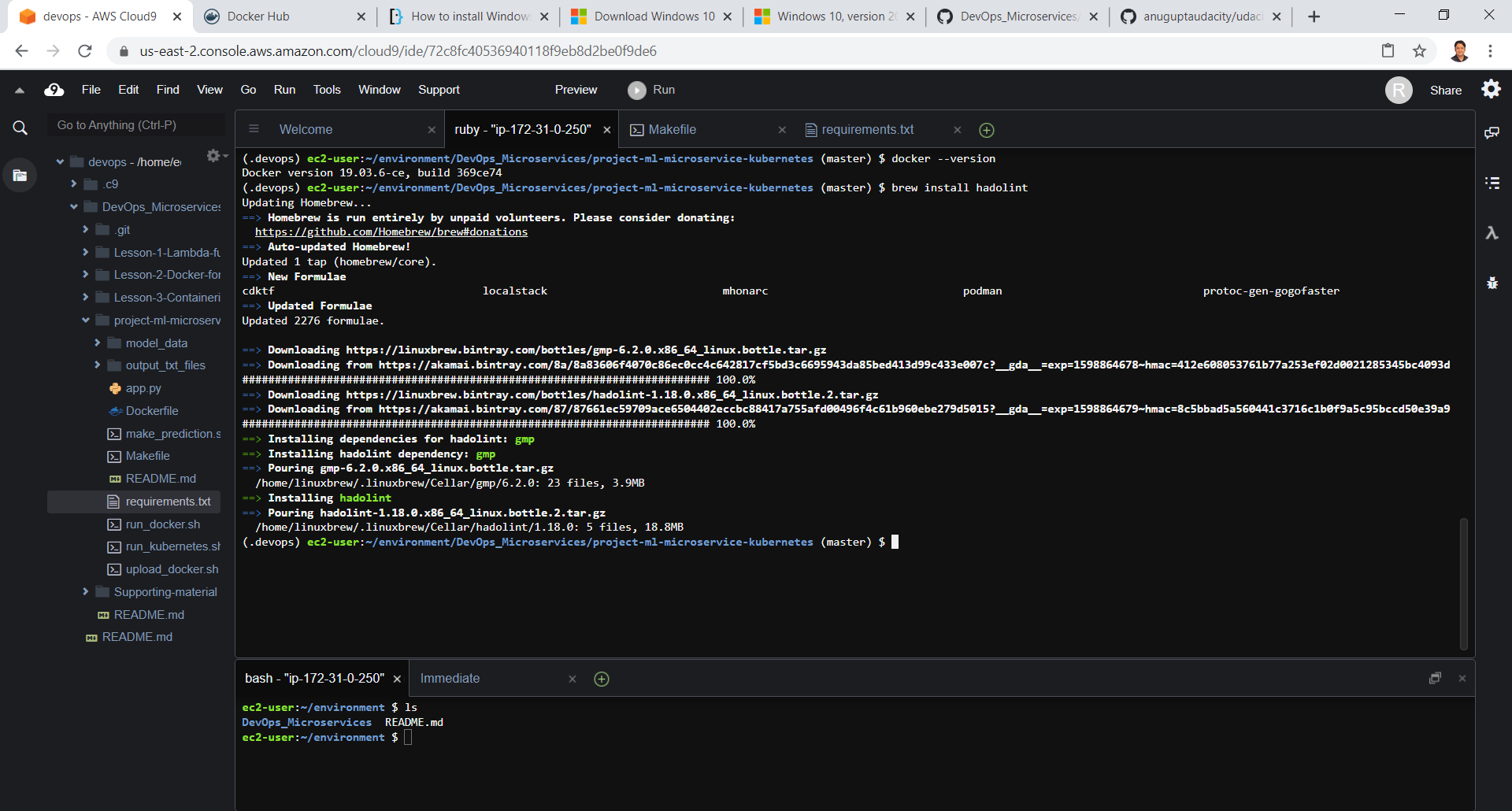
Make install completed



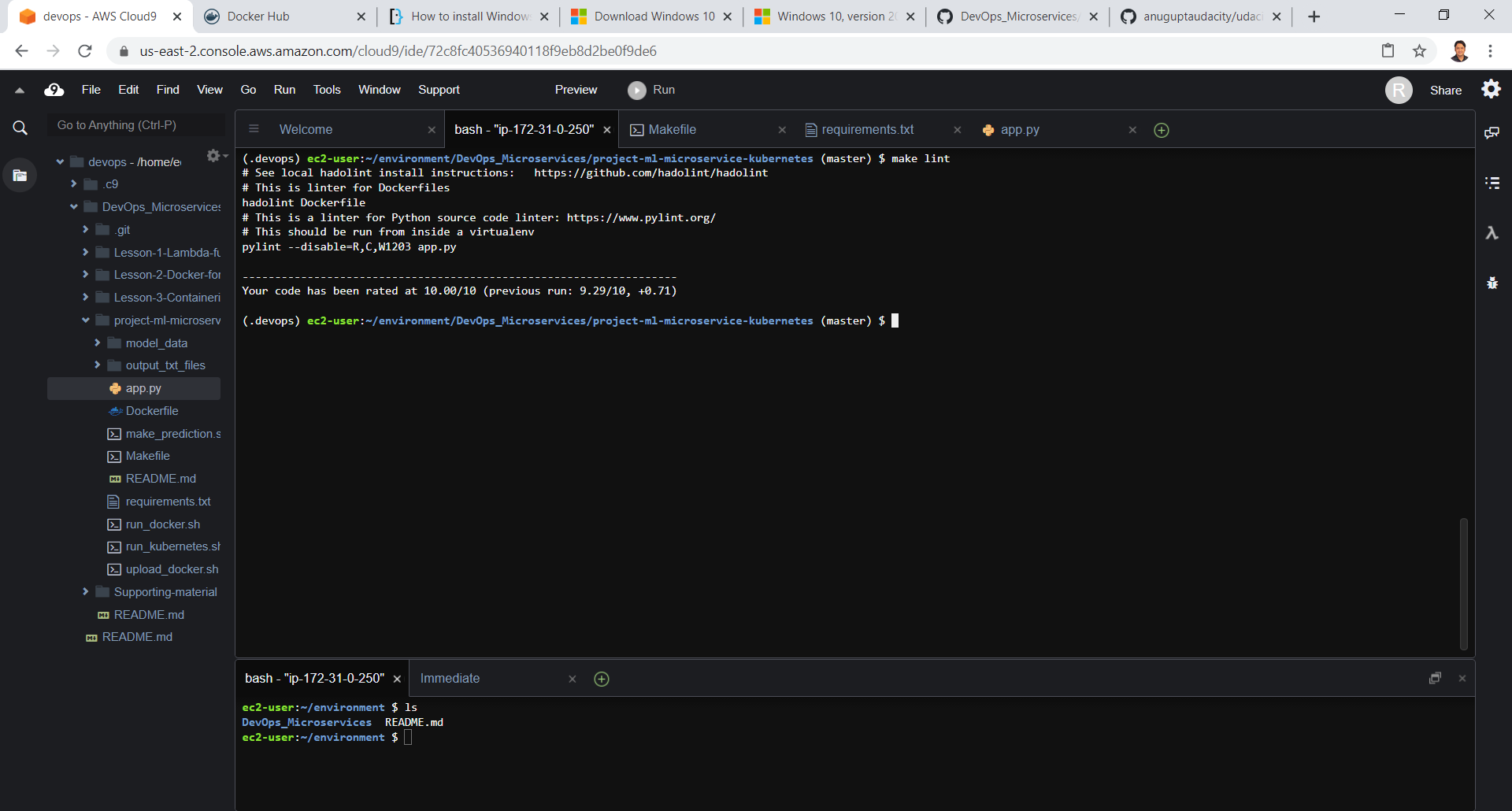
Docker version



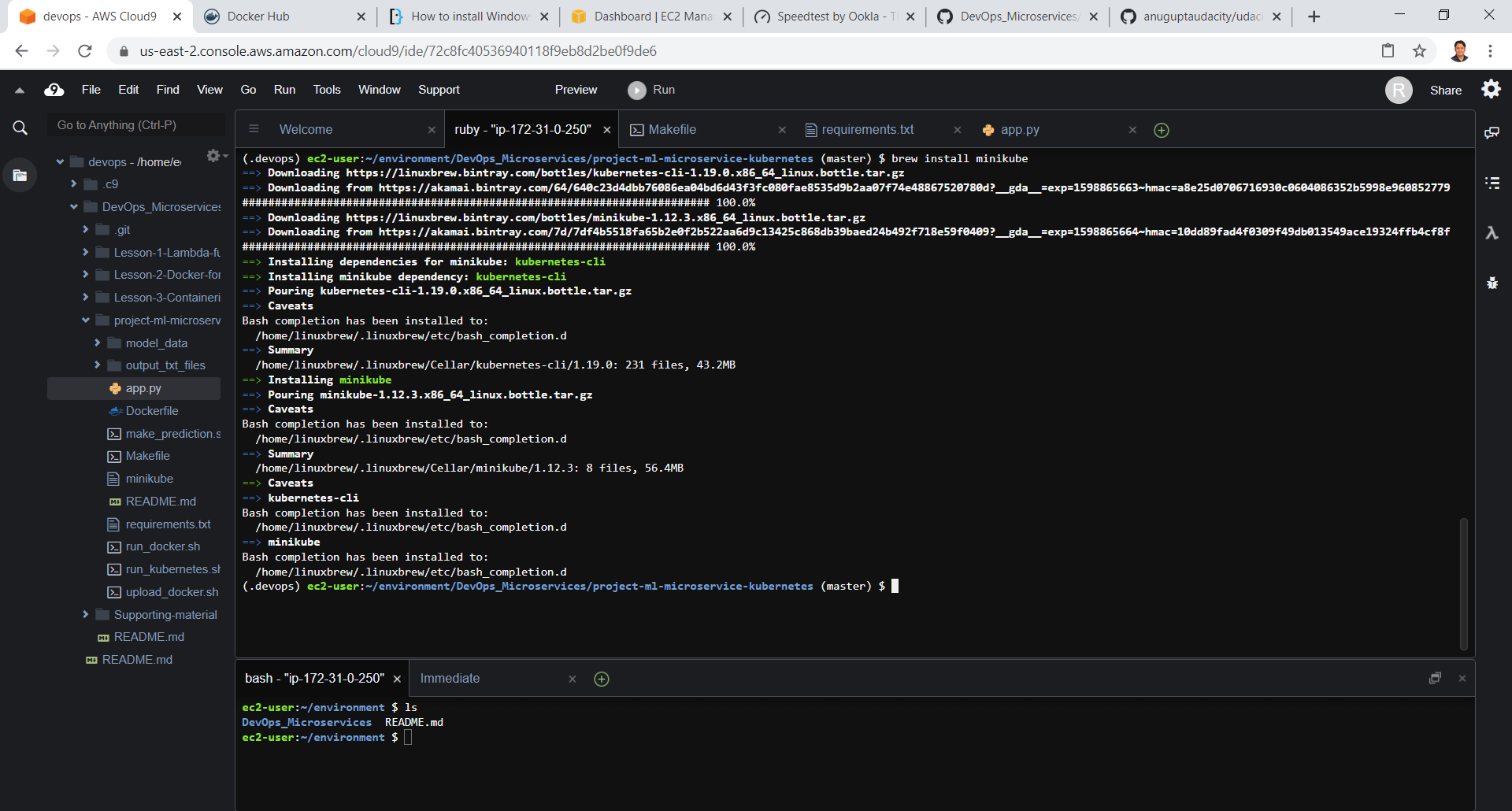
Hadolint



Make lint



Install minikube

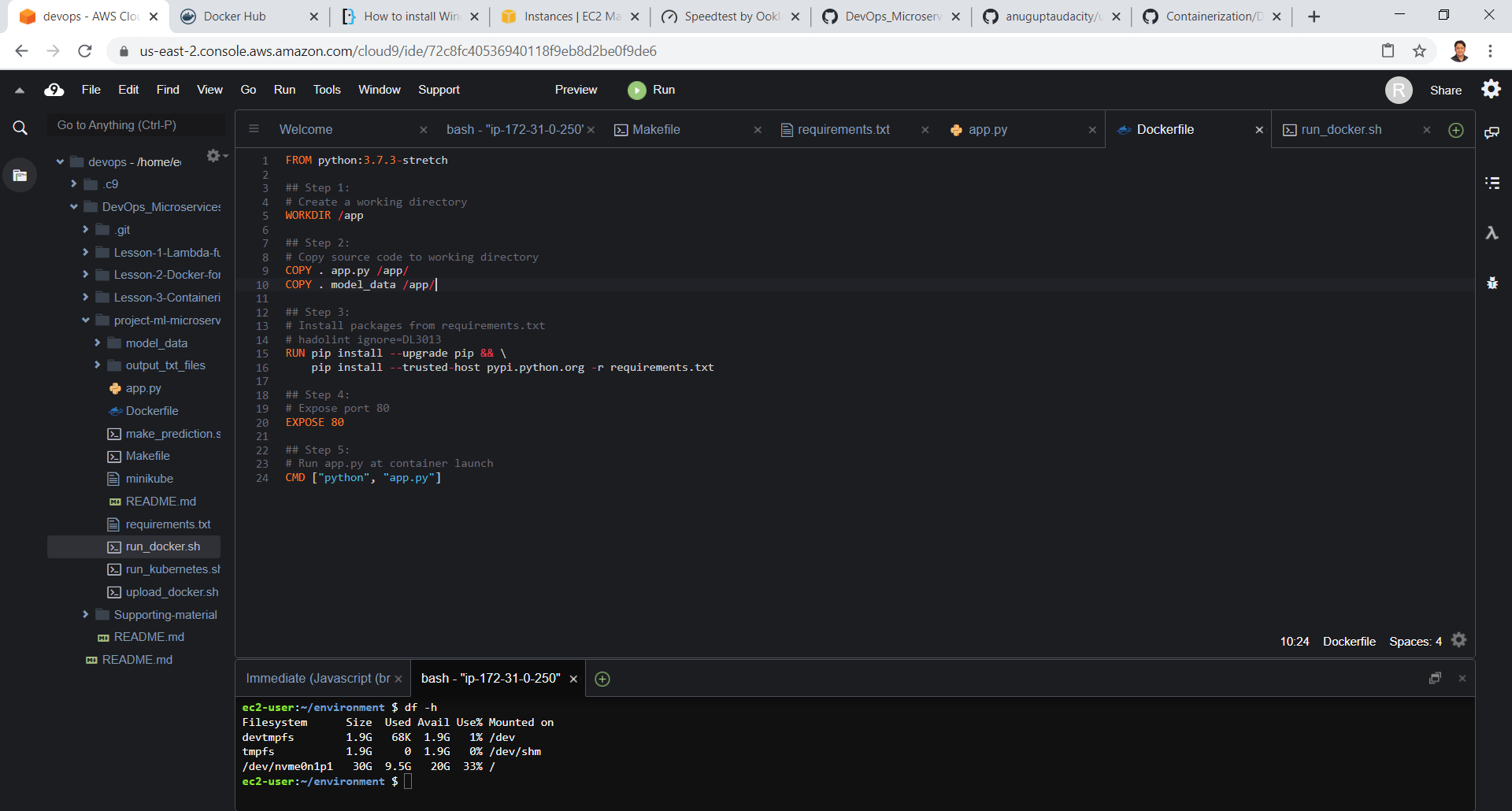


**##### Environment setup completed ###################################**

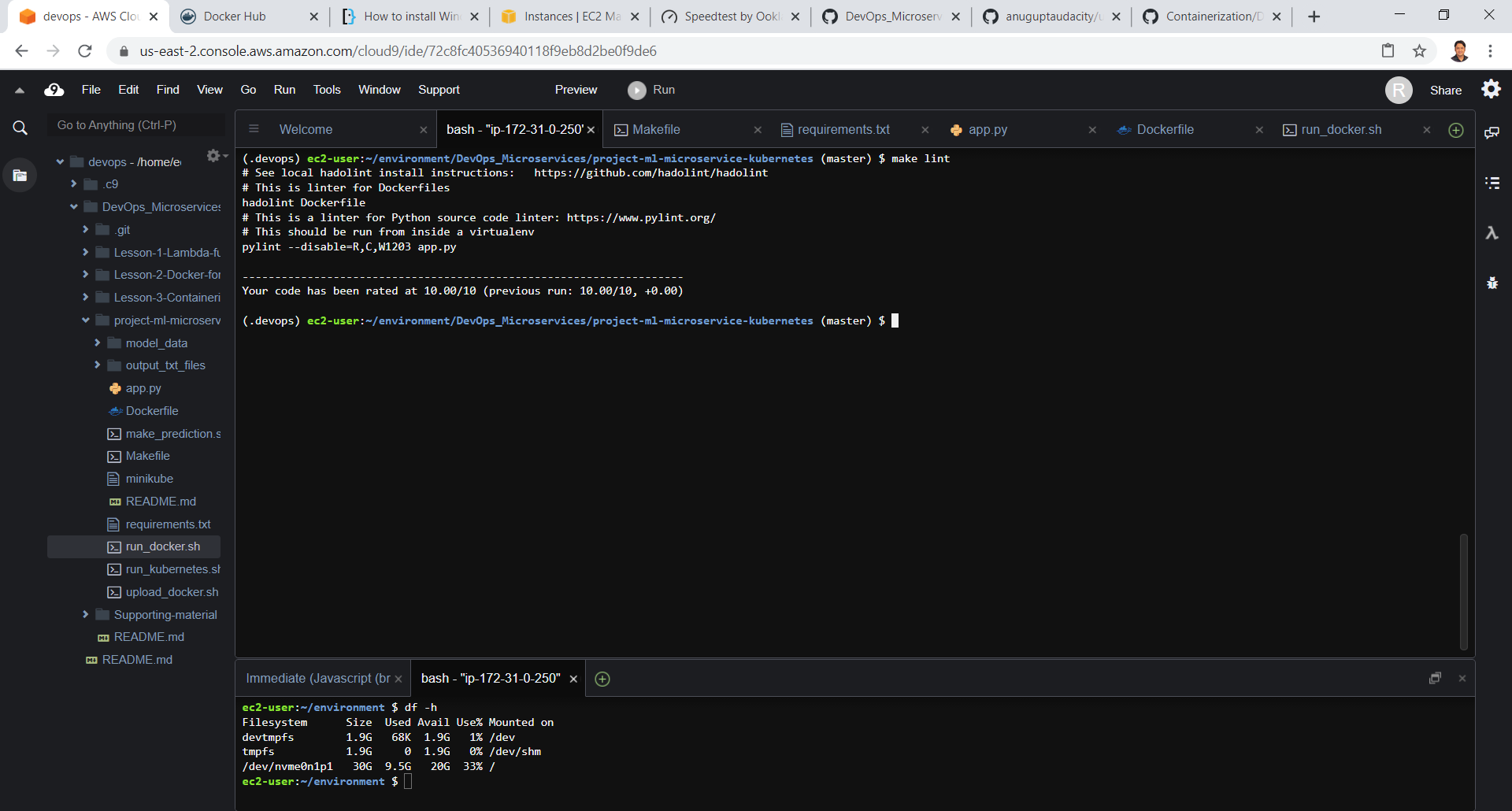
**Project Task started**

**Task 1: Complete the Dockerfile**

Dockerfile changes-



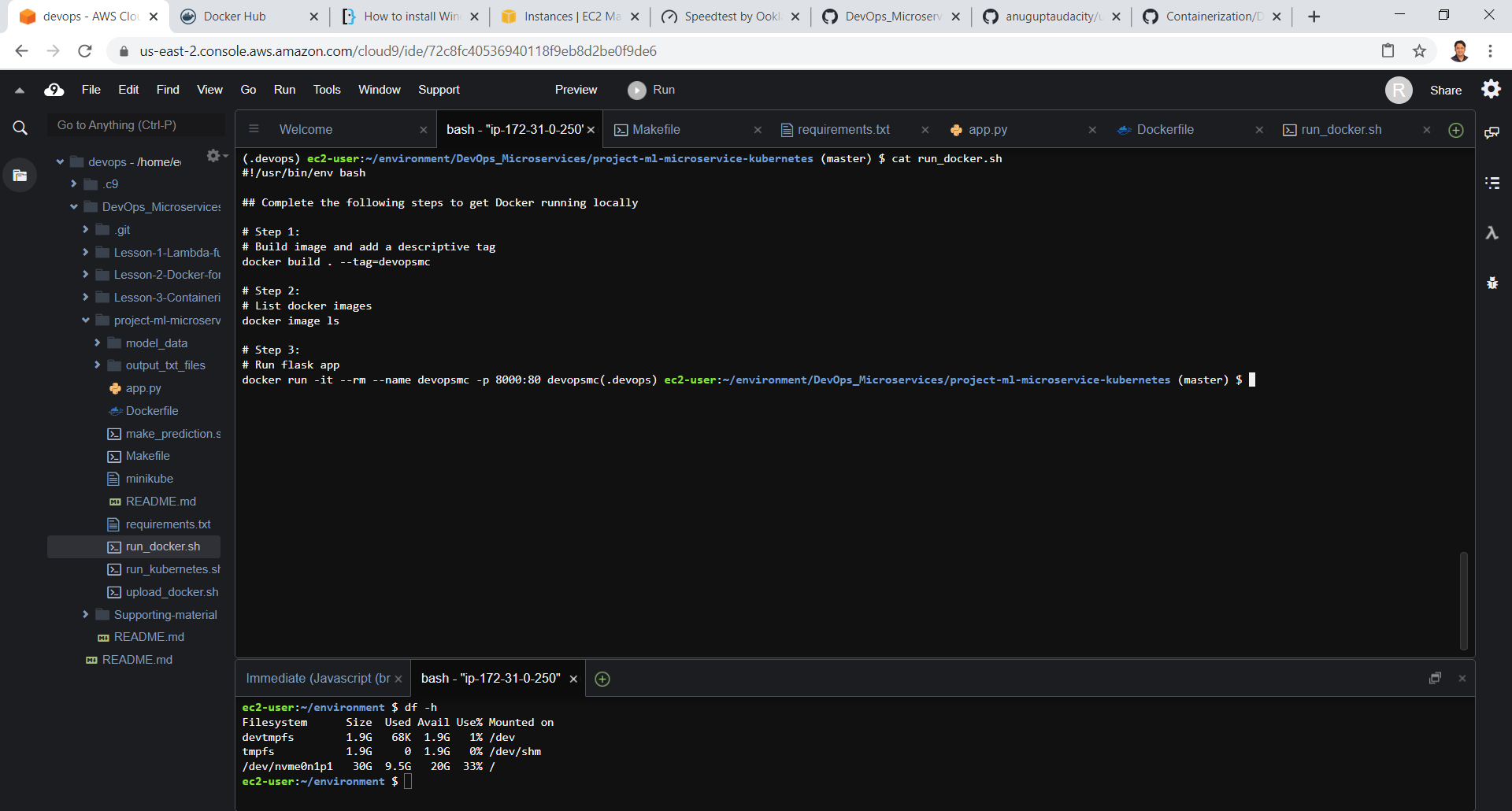
**Task 1- Completed :: Make lint post update to docker file**



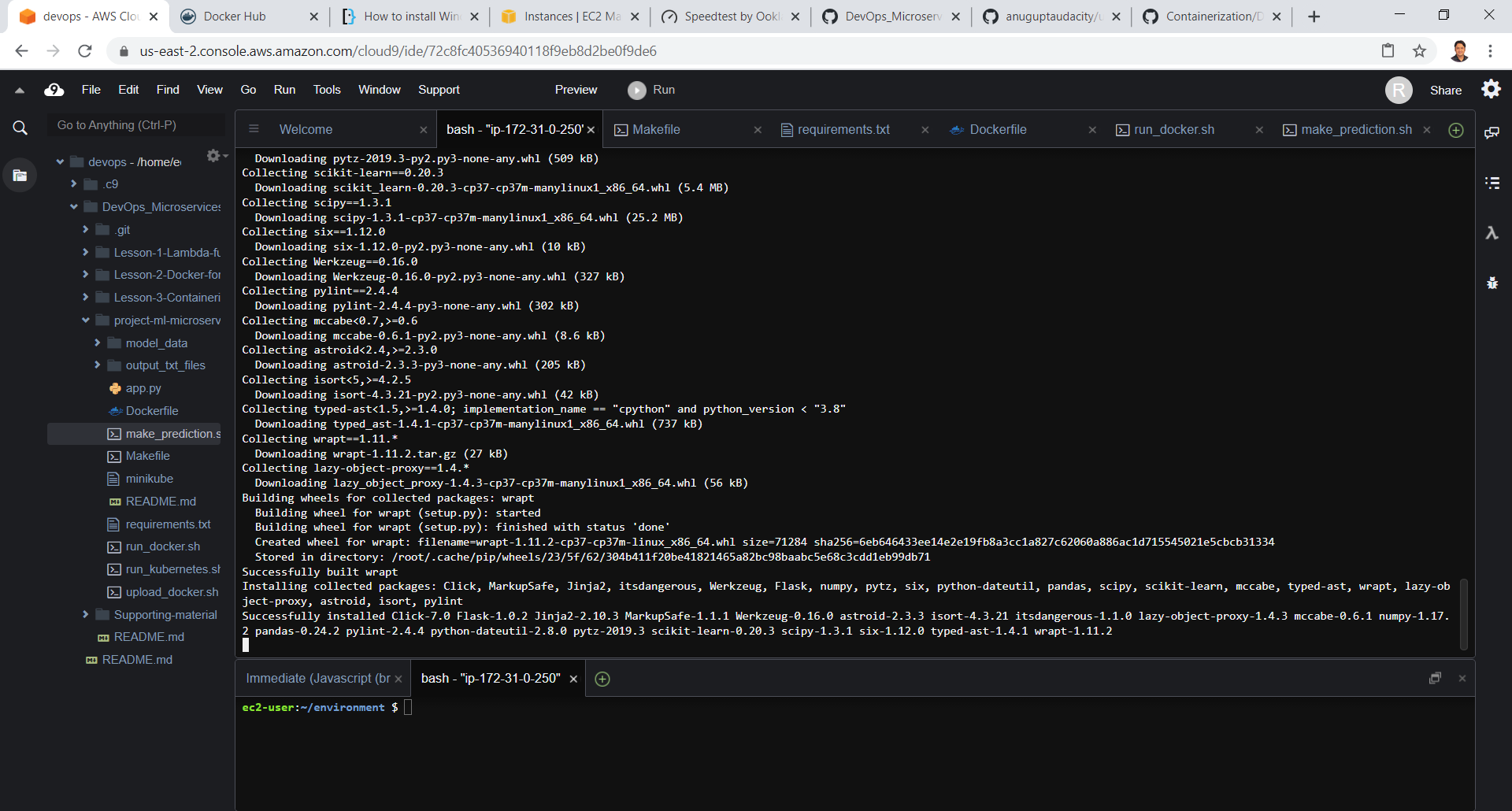
## Task 2: Run a Container & Make a Prediction

Docker build and run-

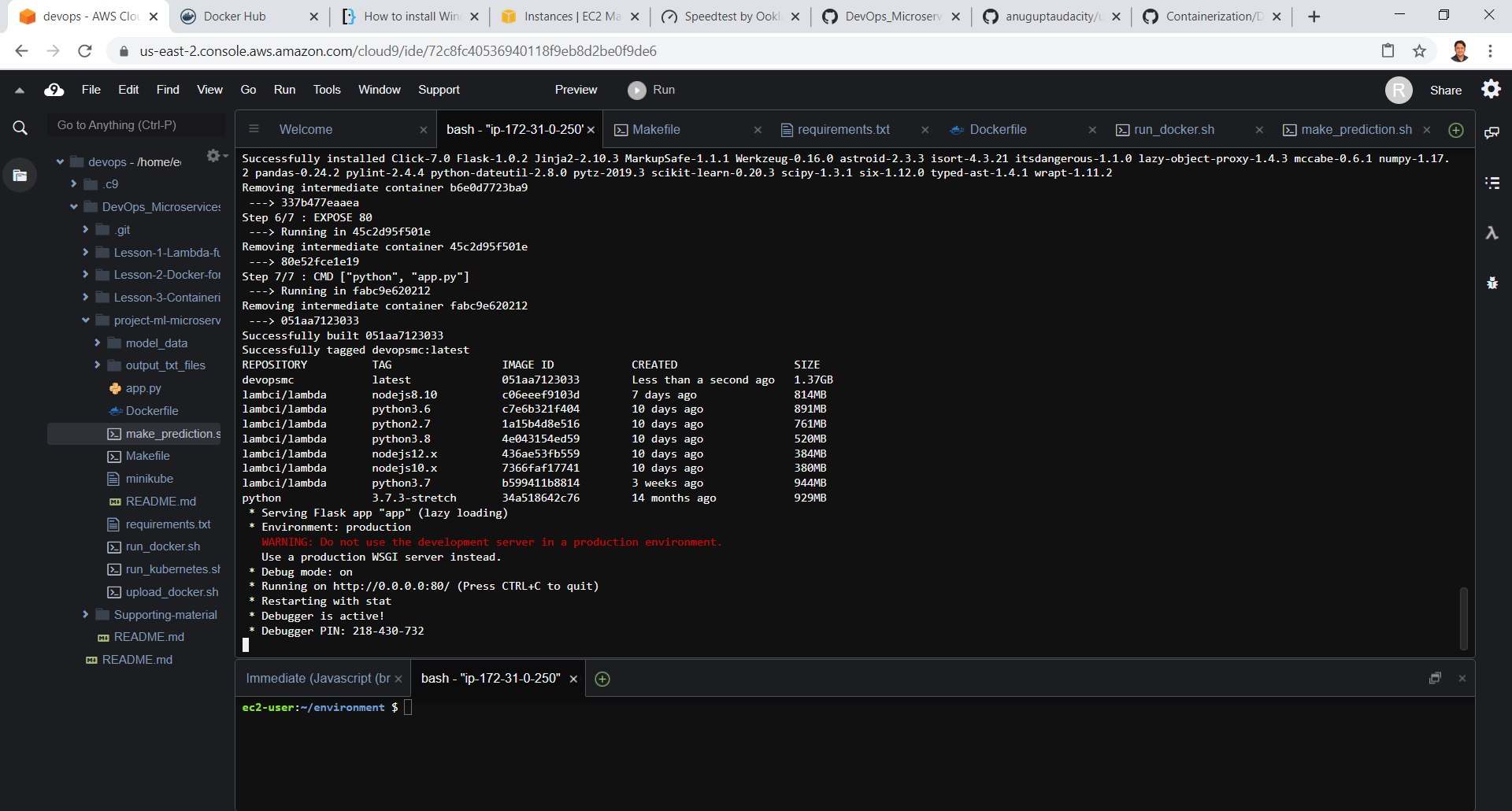
Run file –



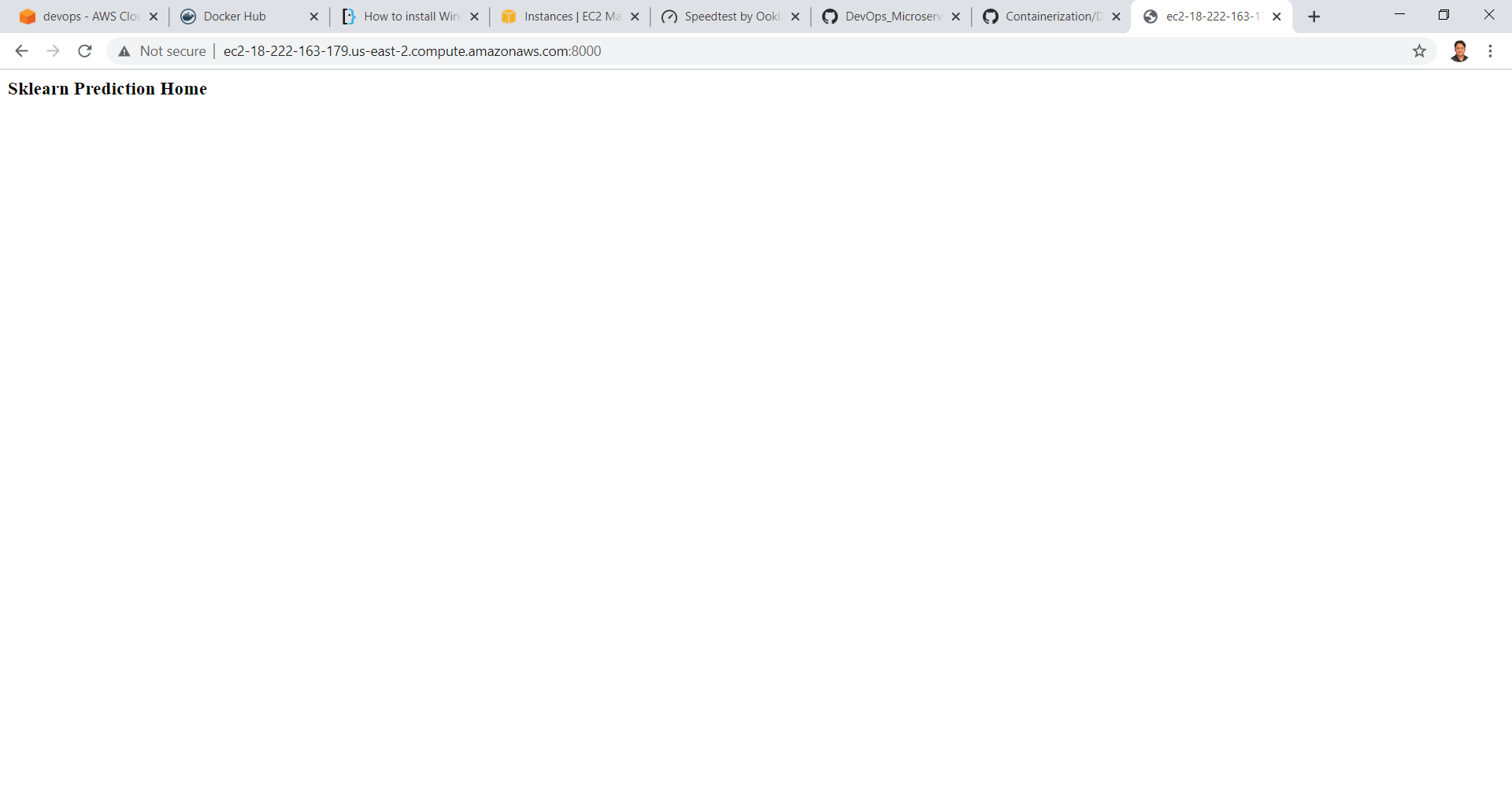
Execution of docker run file –



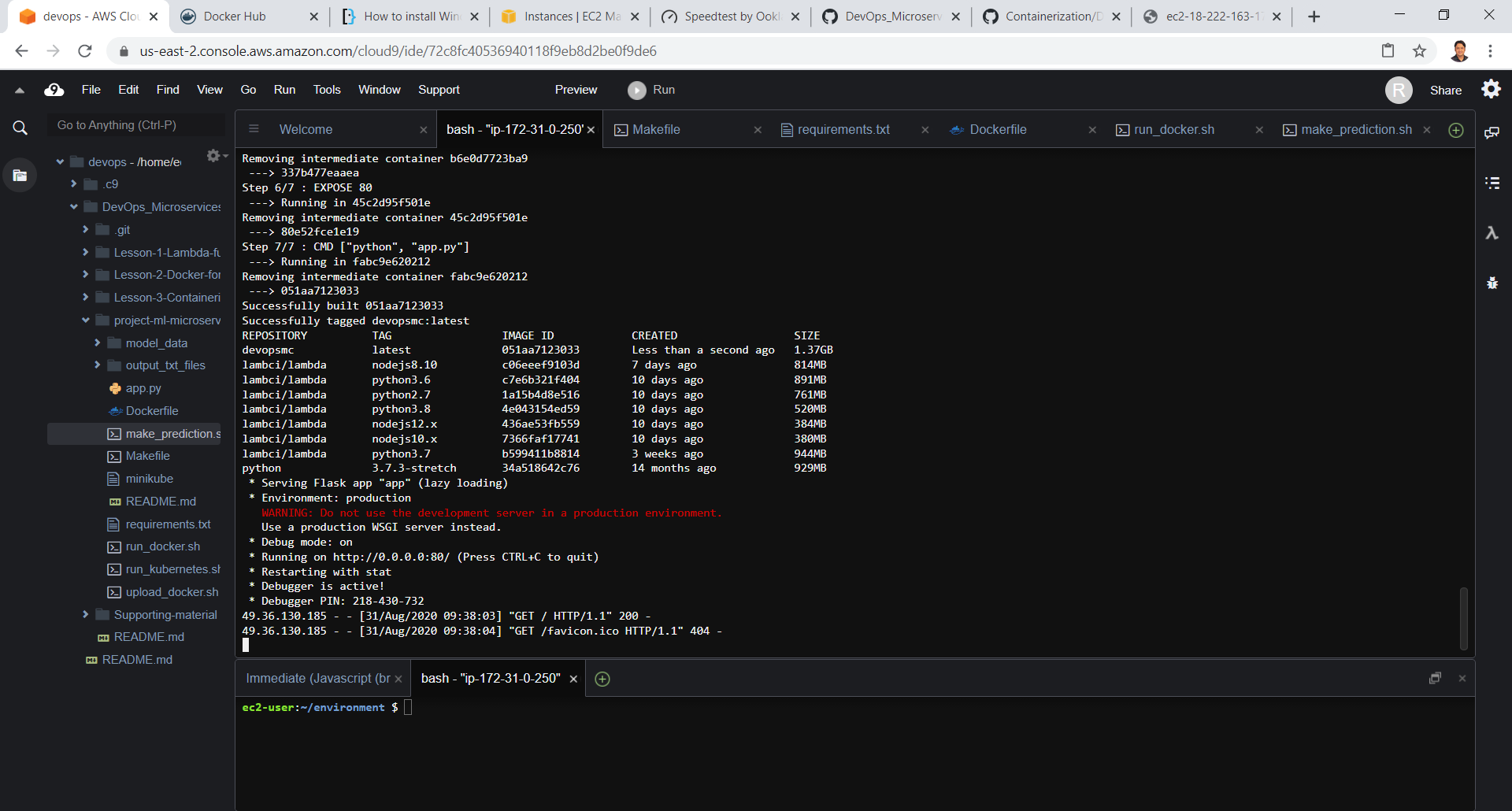
App is up and running



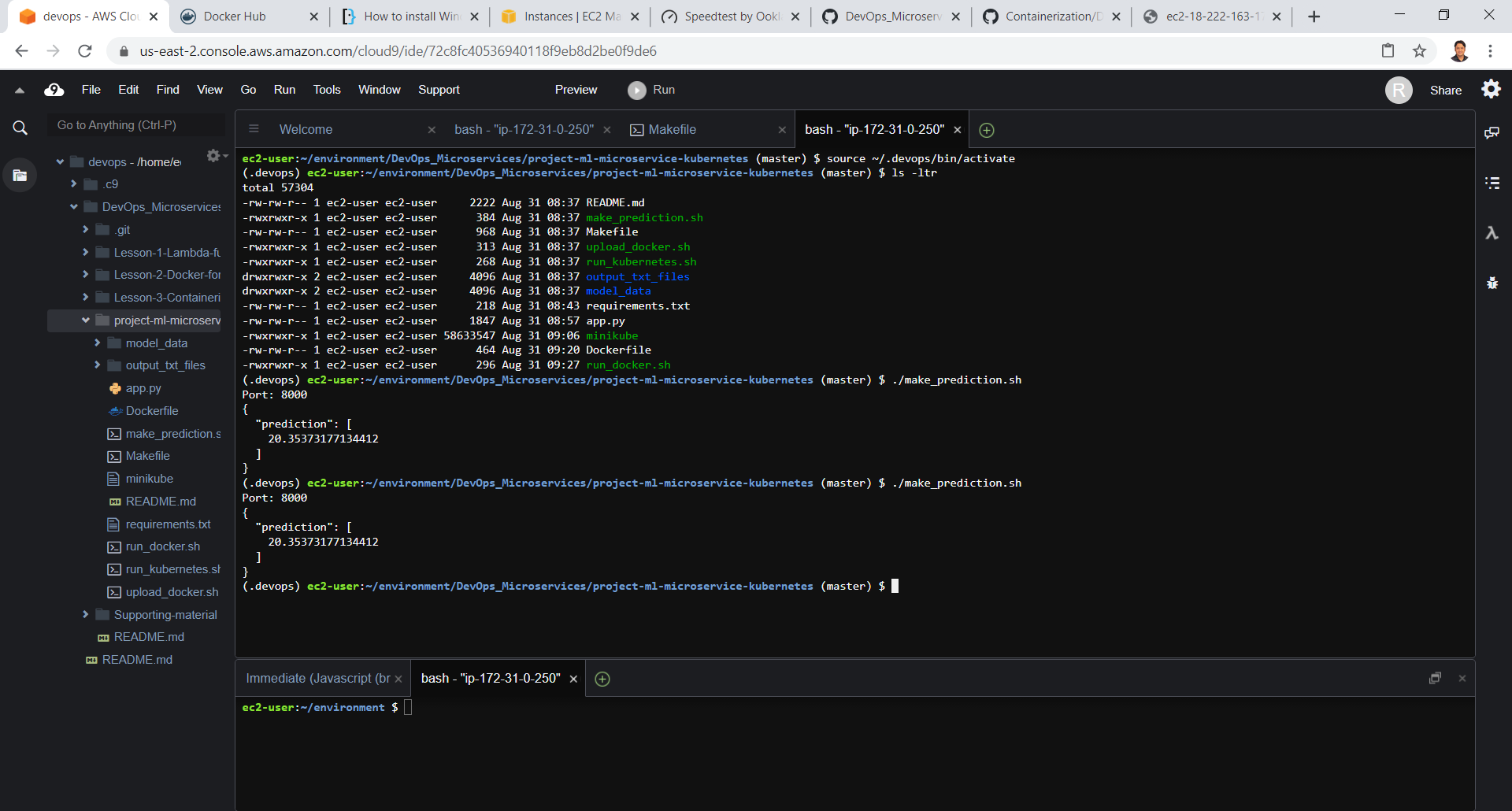
**App accessible on port 8000 in browser**



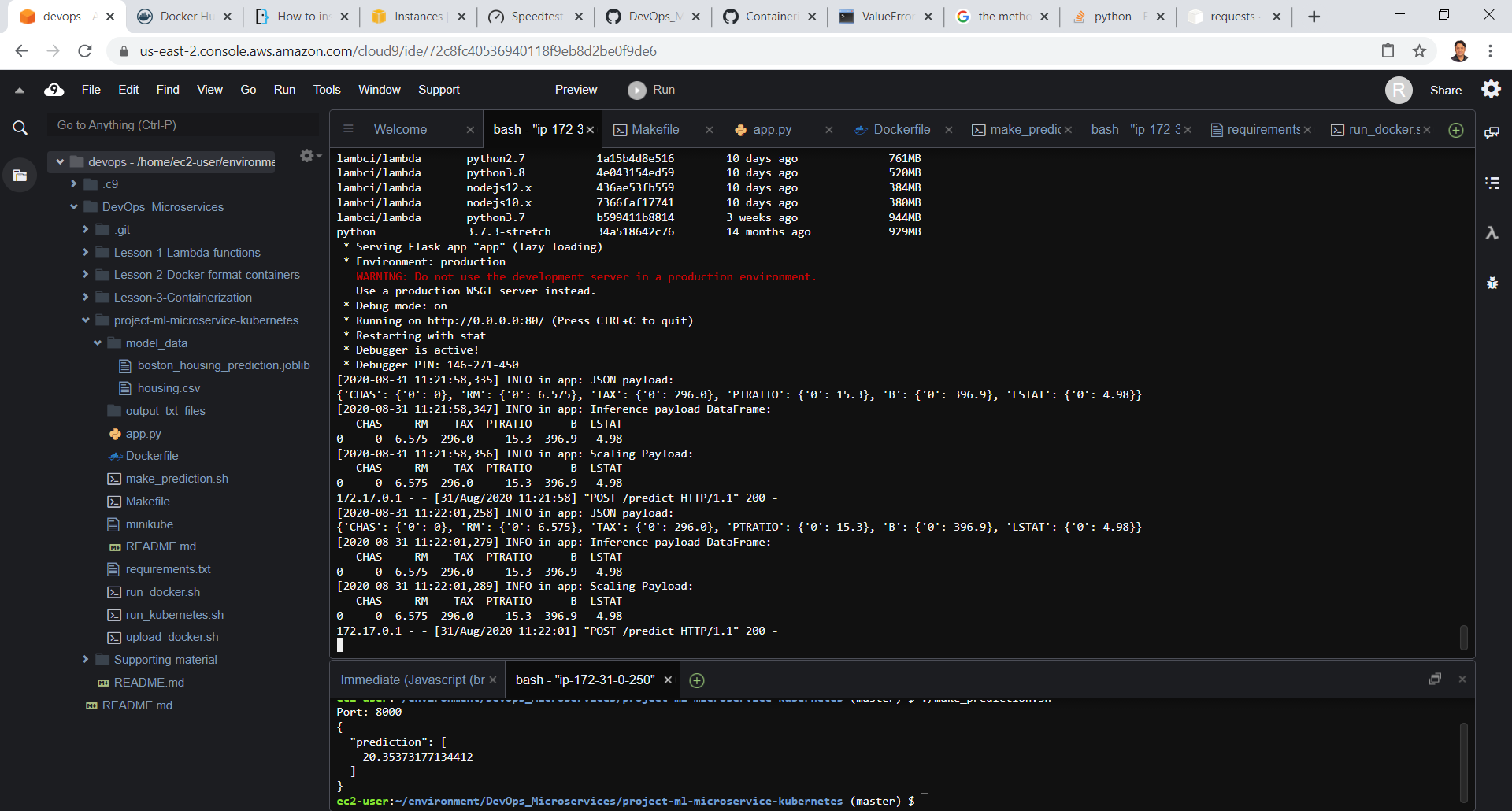
Logs in console



Execution of make\_prediction.sh in new terminal

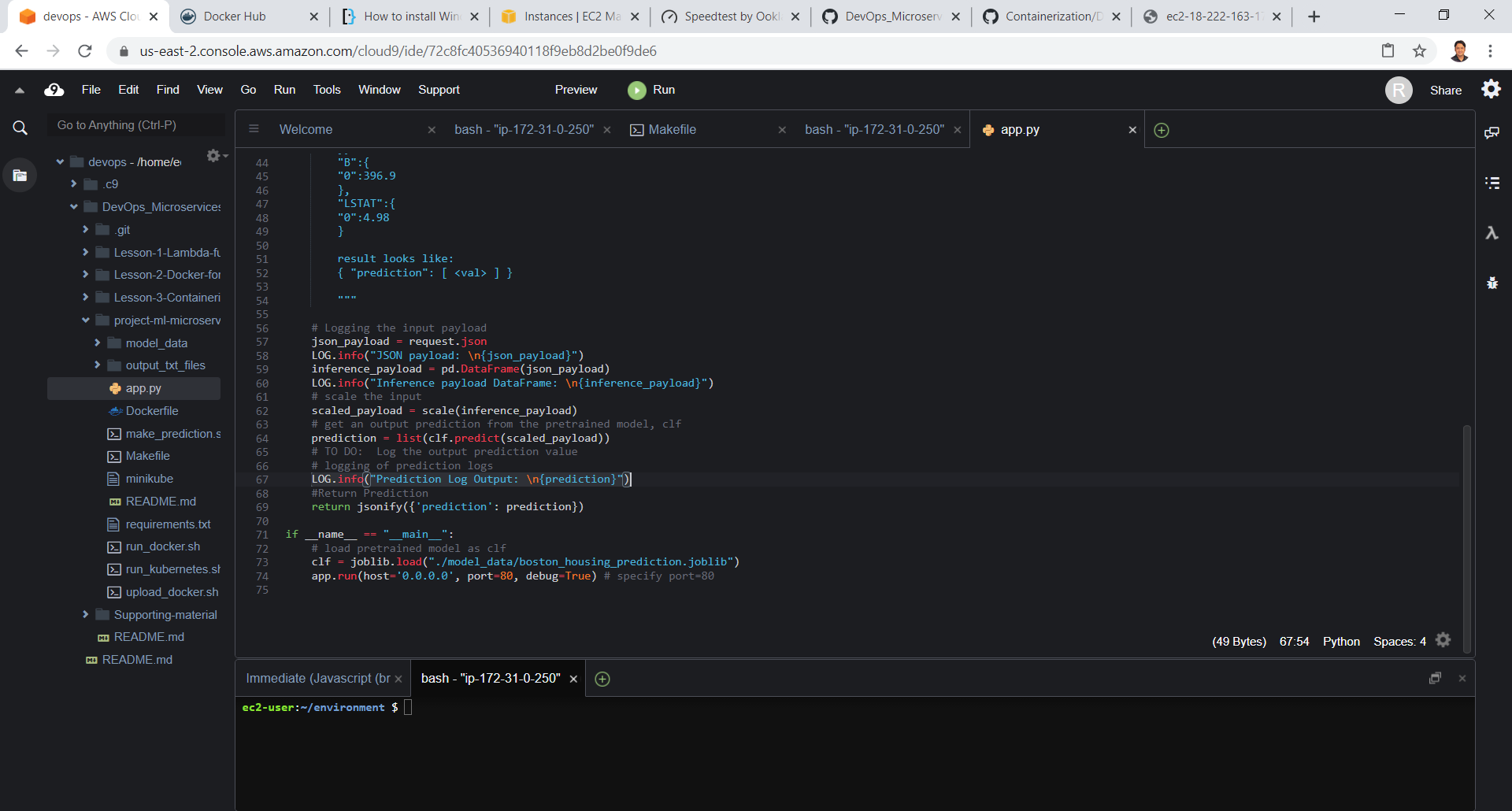


**Task 2: Completed :: Logs in app terminal**

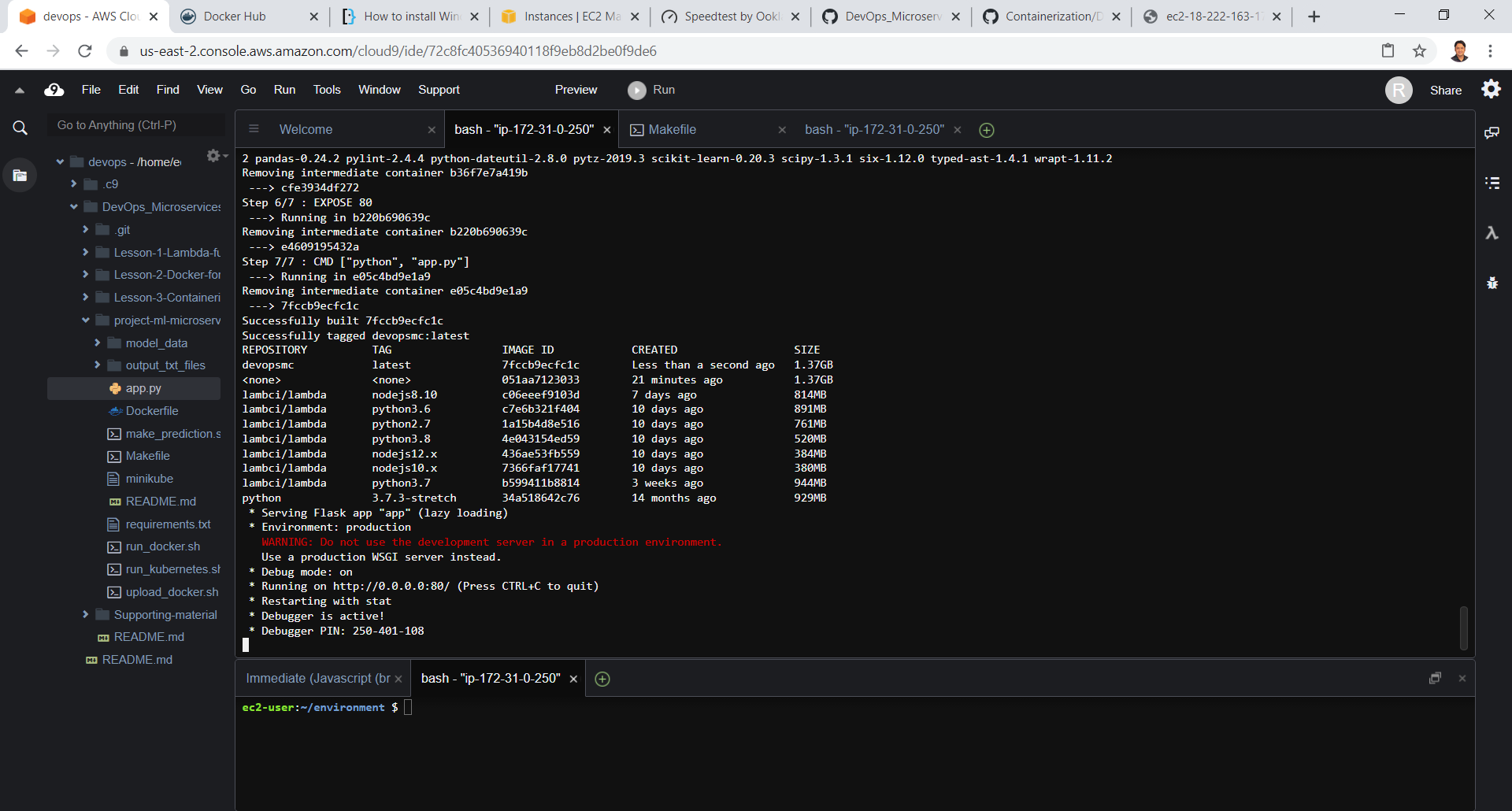


## Task 3: Improve Logging & Save Output

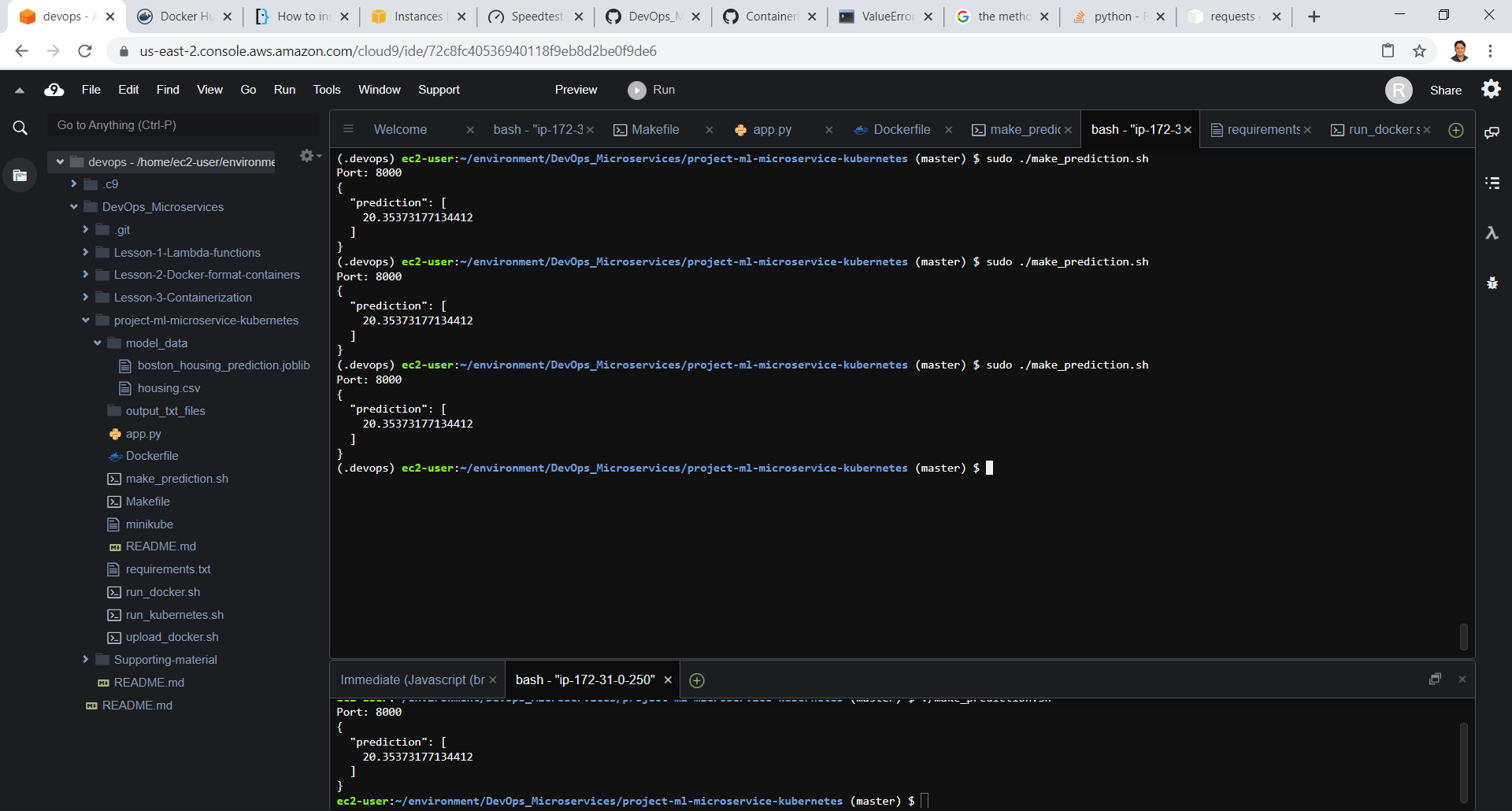
Added logging for Predictions –



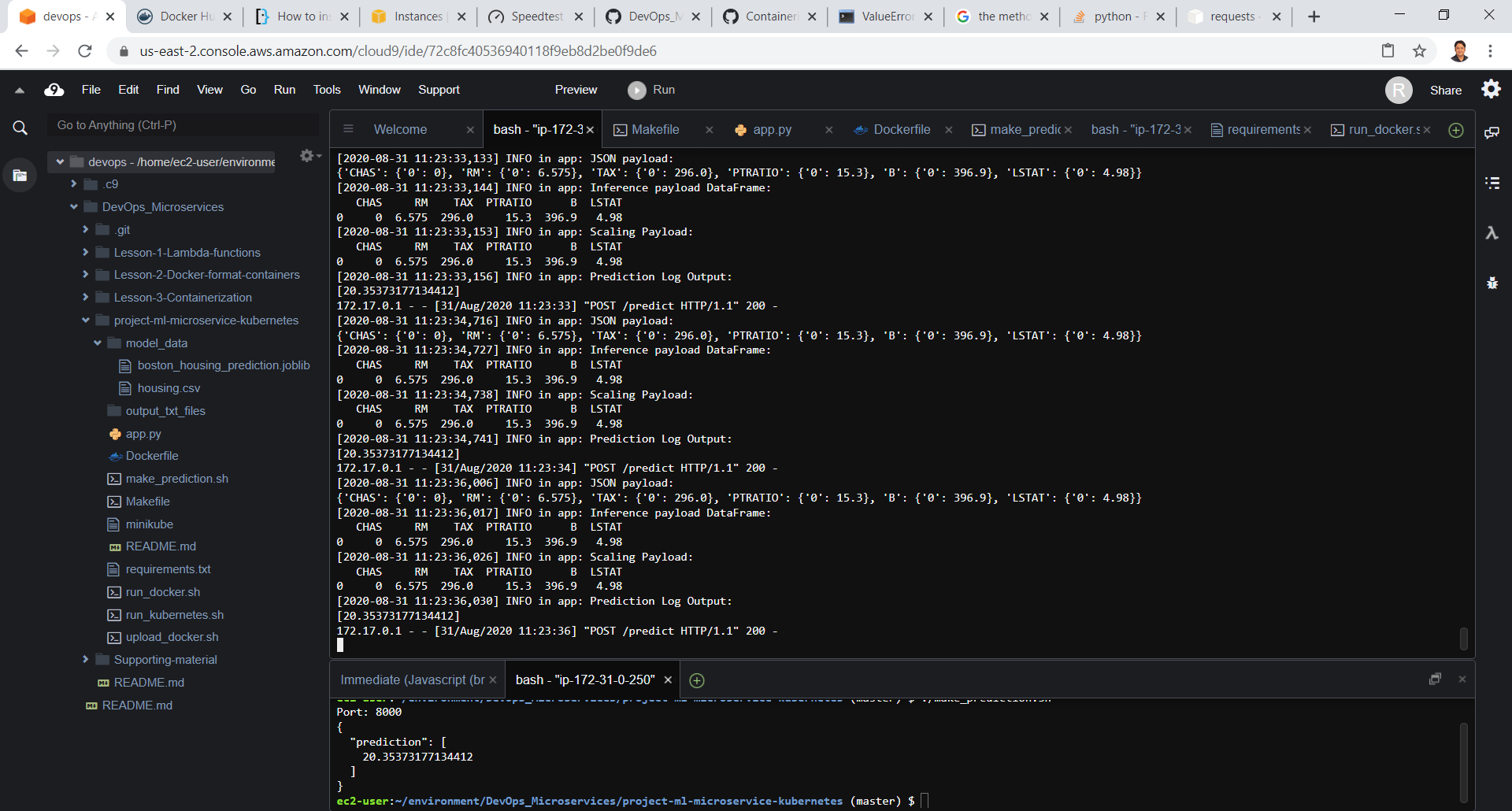
Execution of docker build and run again –



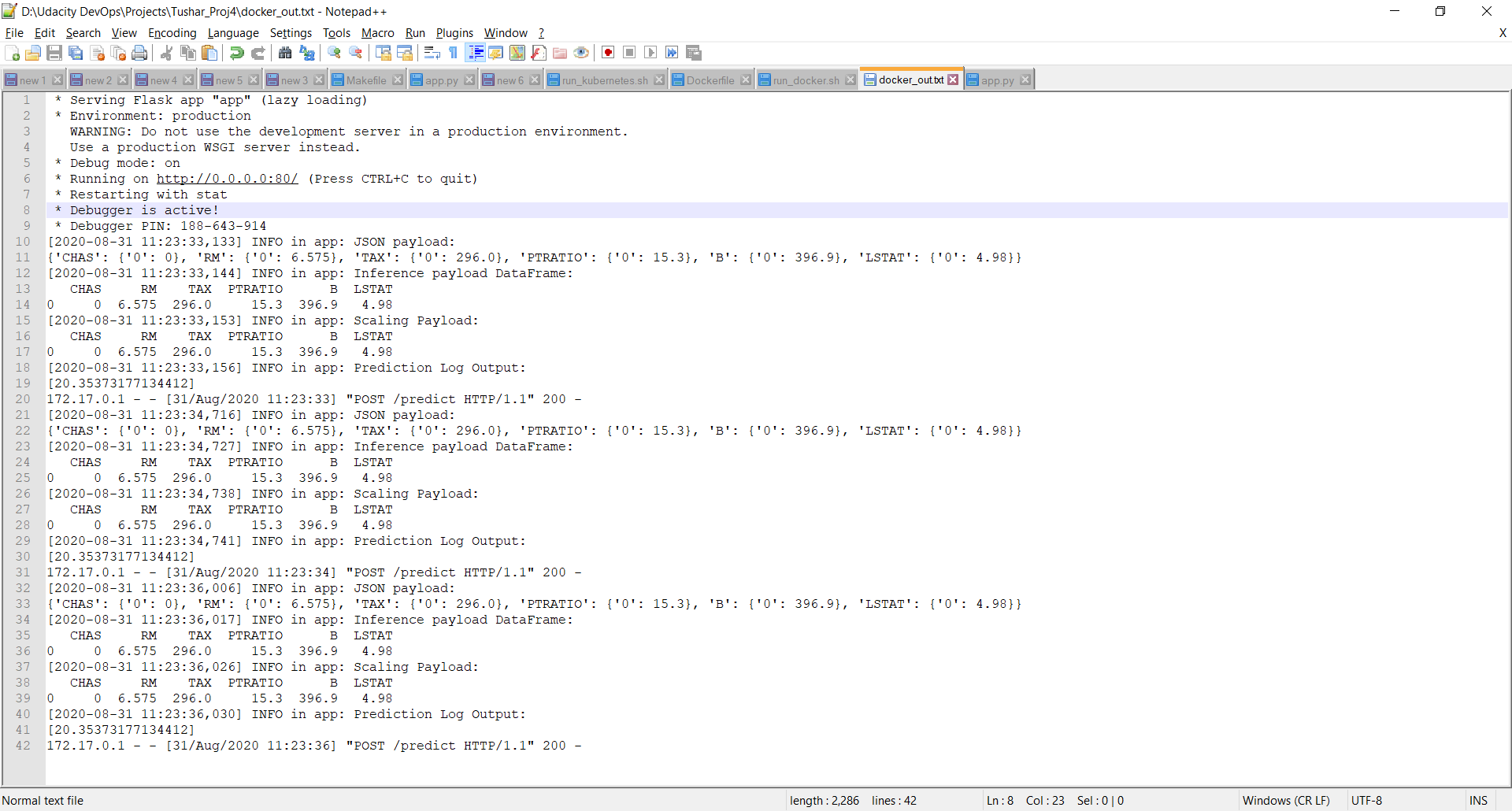
Re-execution of make\_prediction.sh post logging changes –



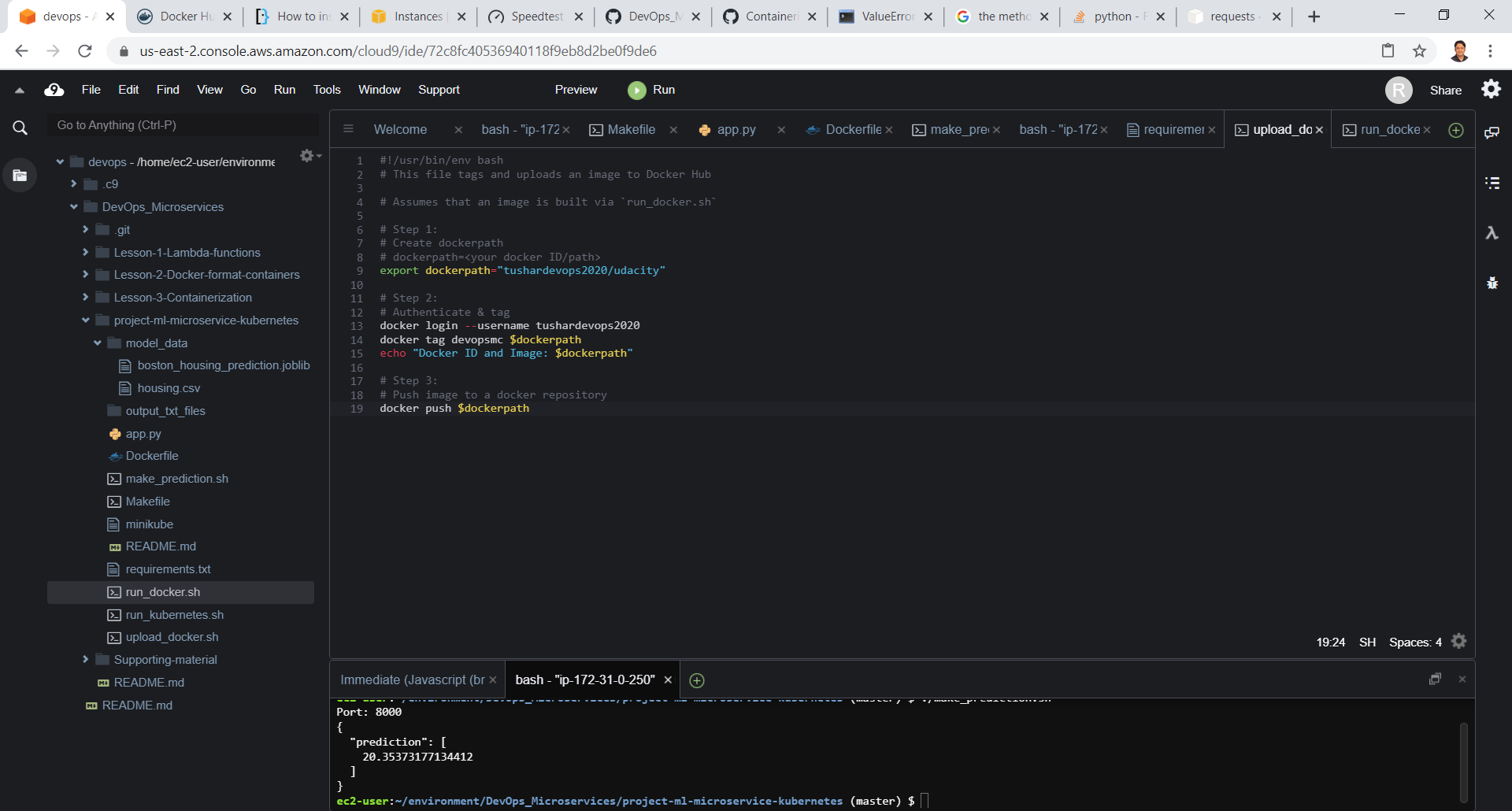
Log generated for Predictions –

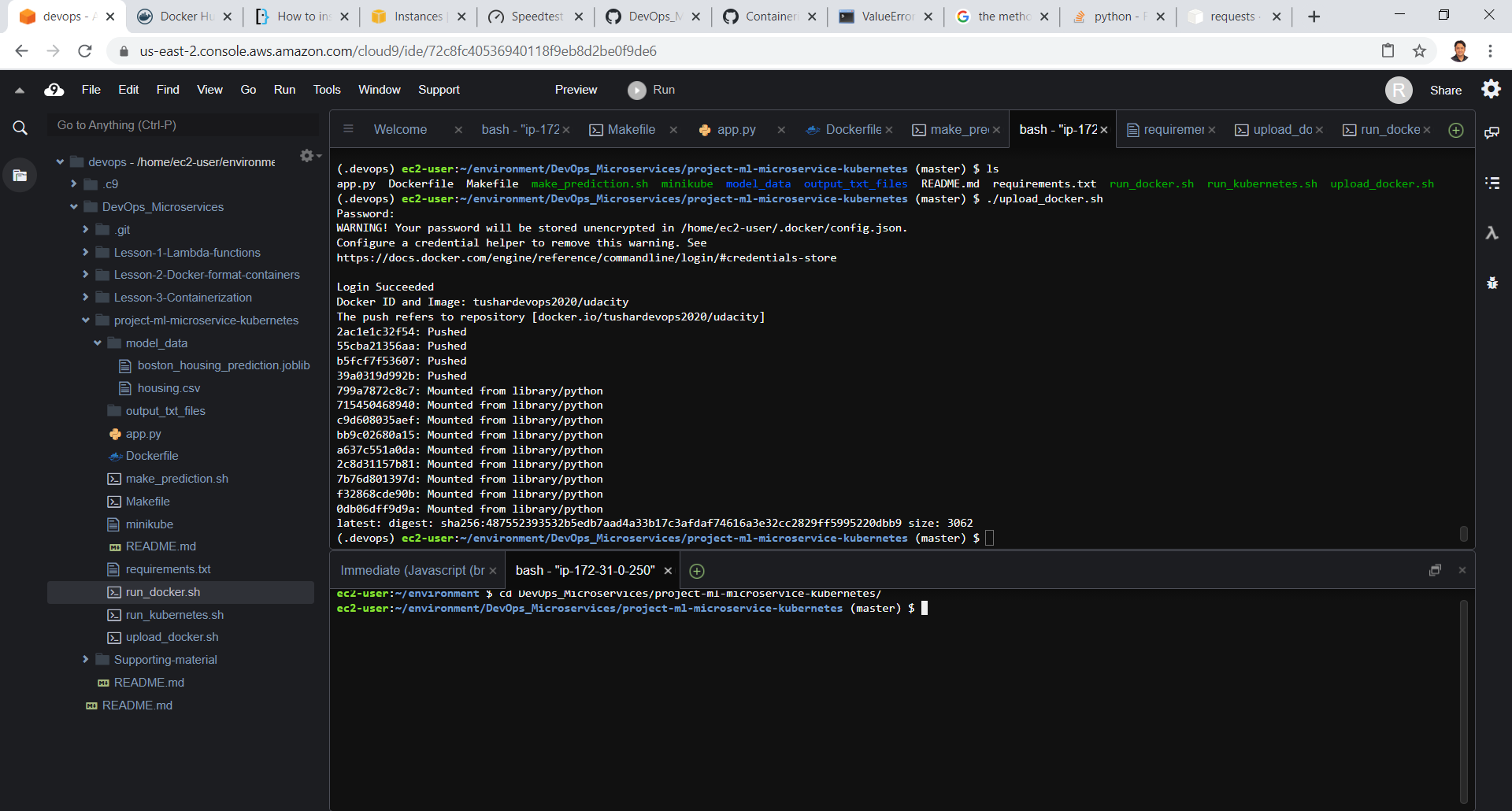


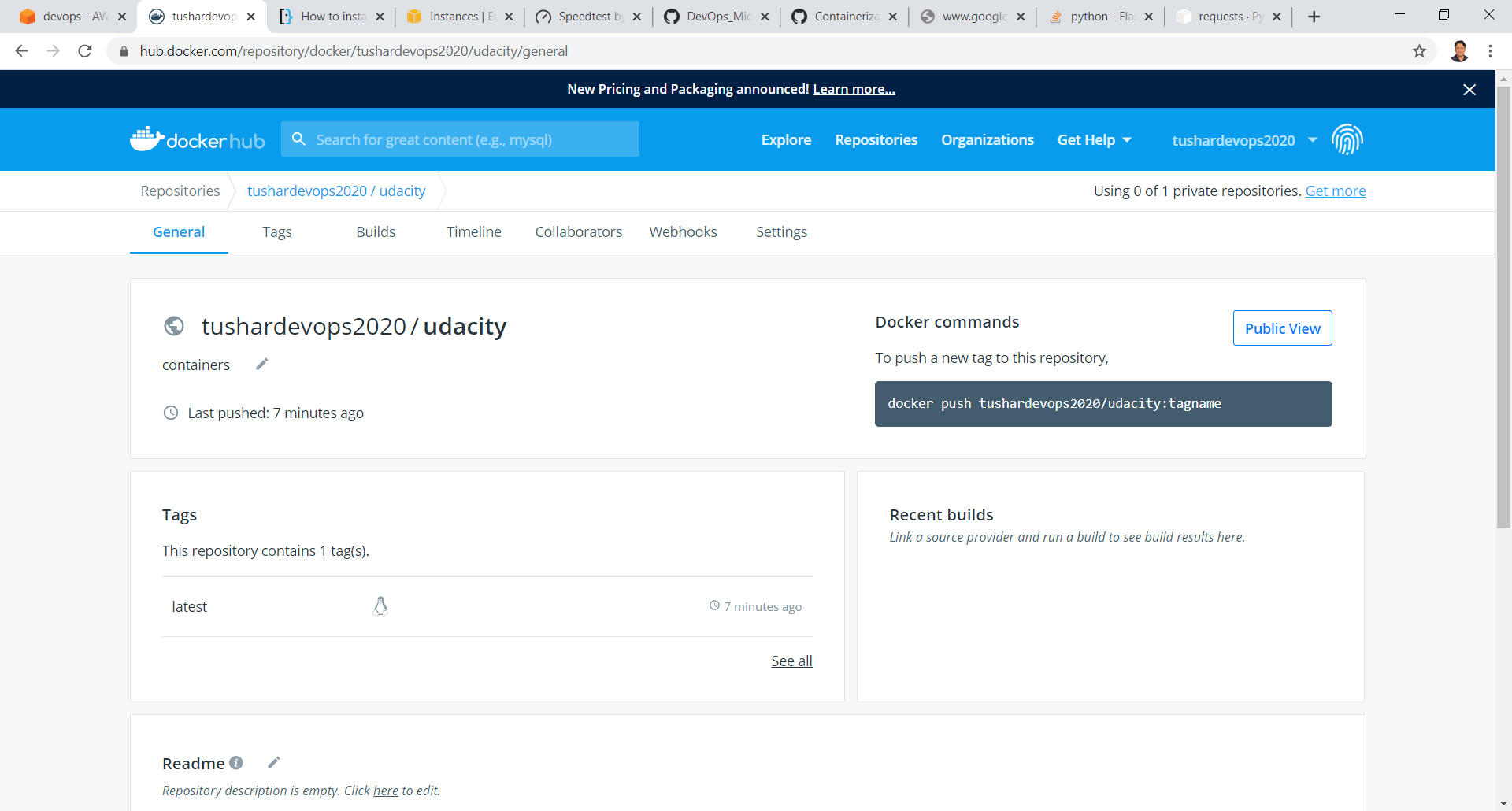
**Output Copied in docker\_out.txt file –**

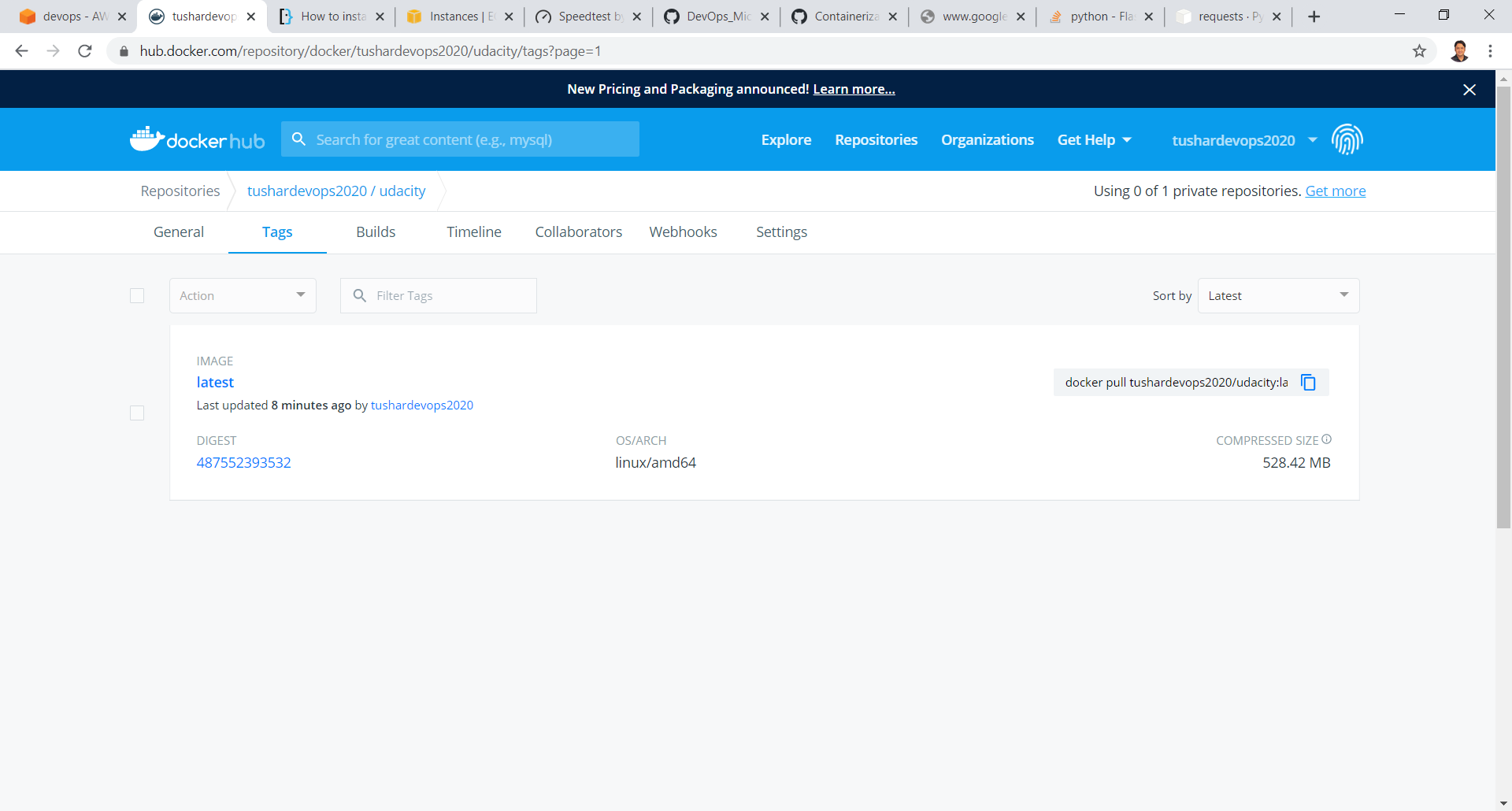


## Task 4: Upload the Docker Image

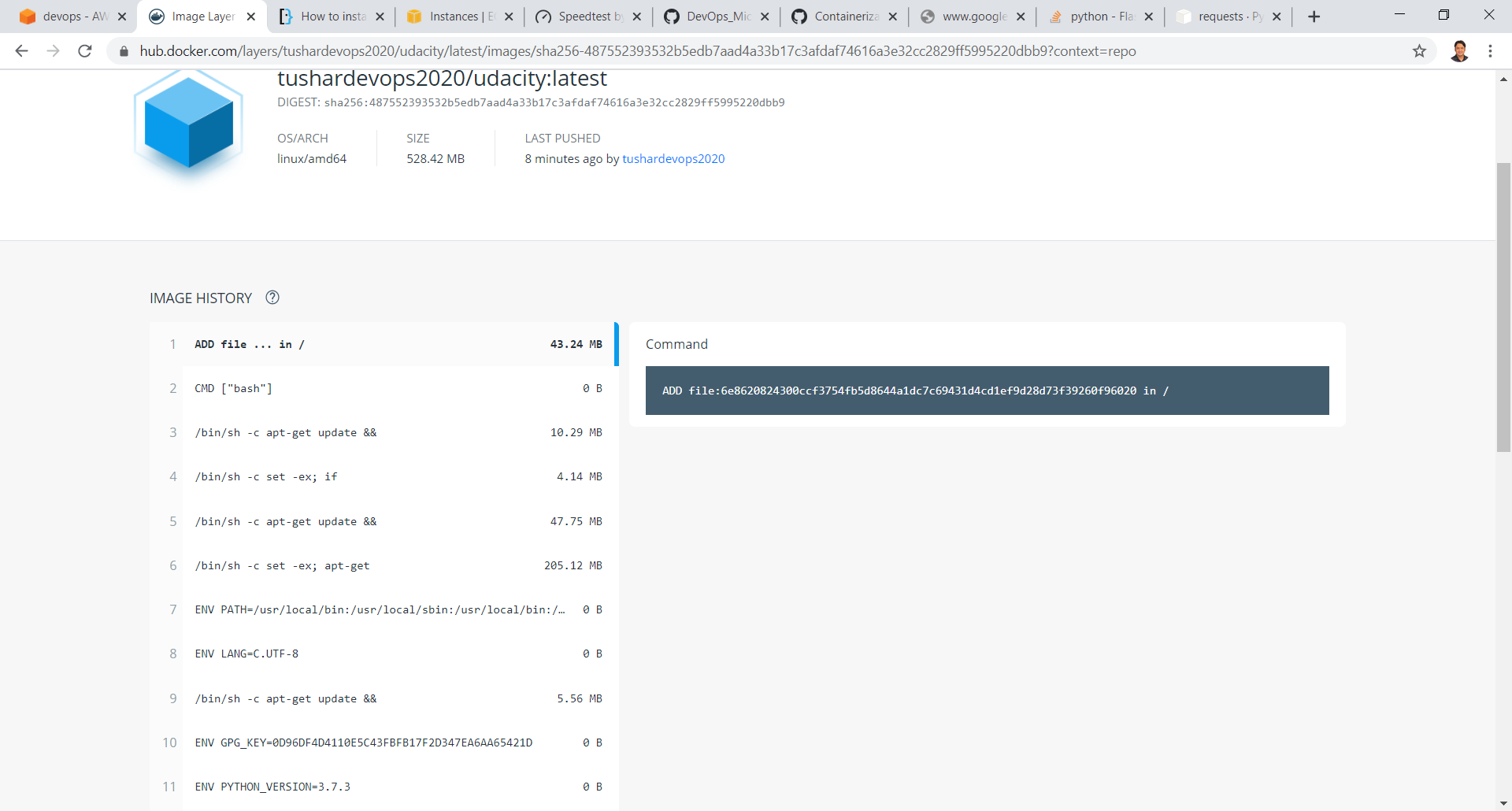






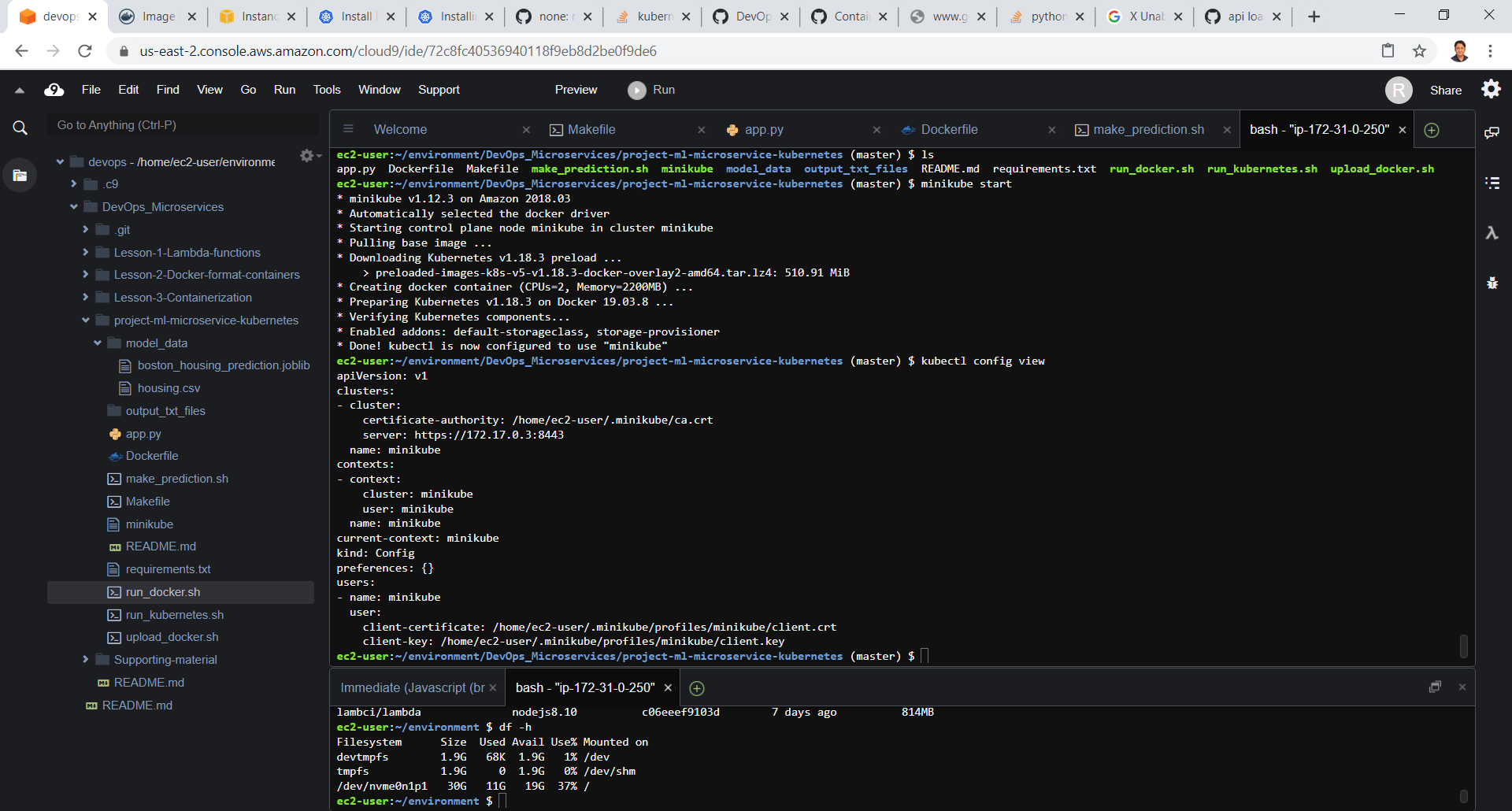


Task 4: Completed

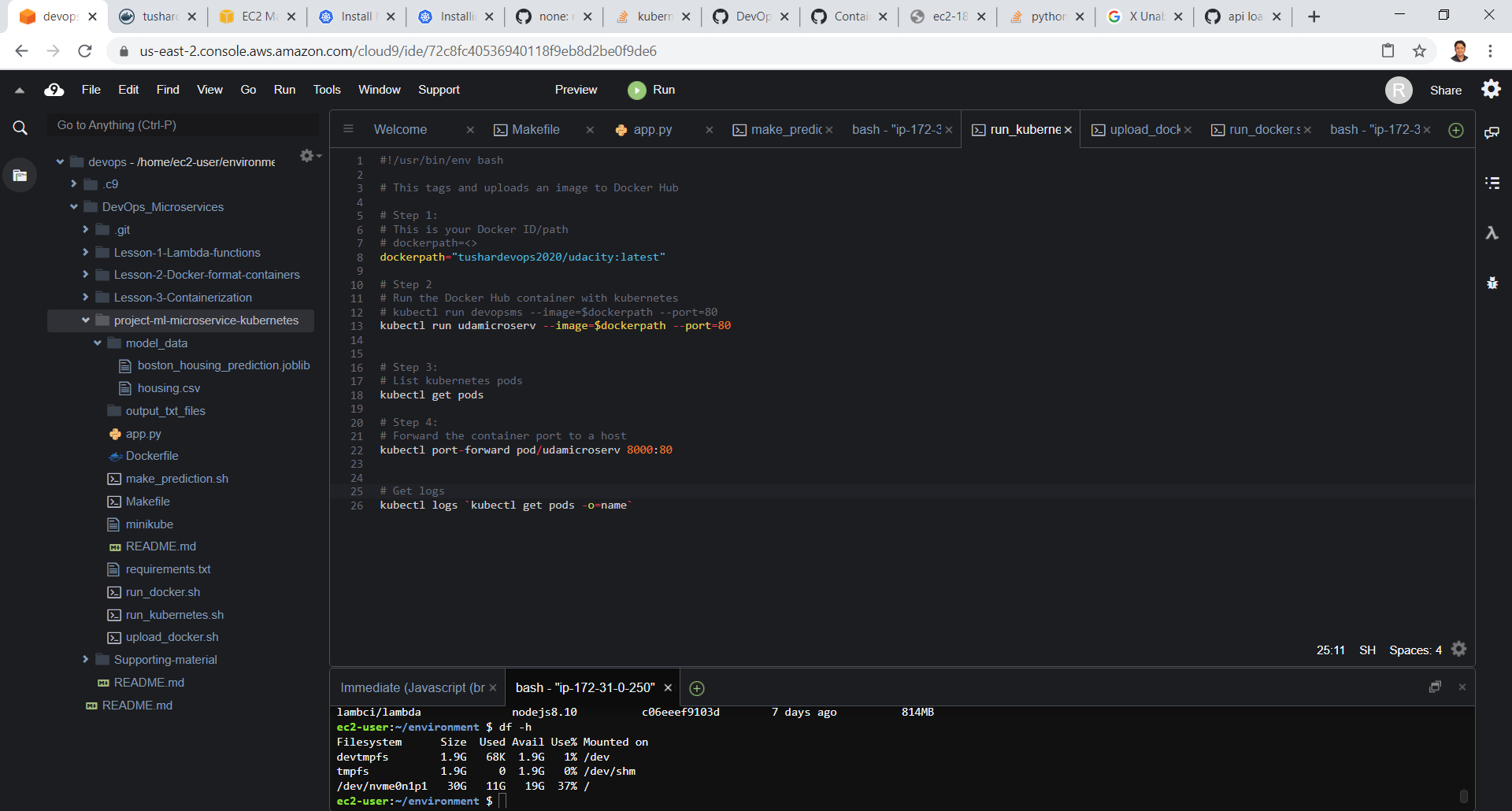


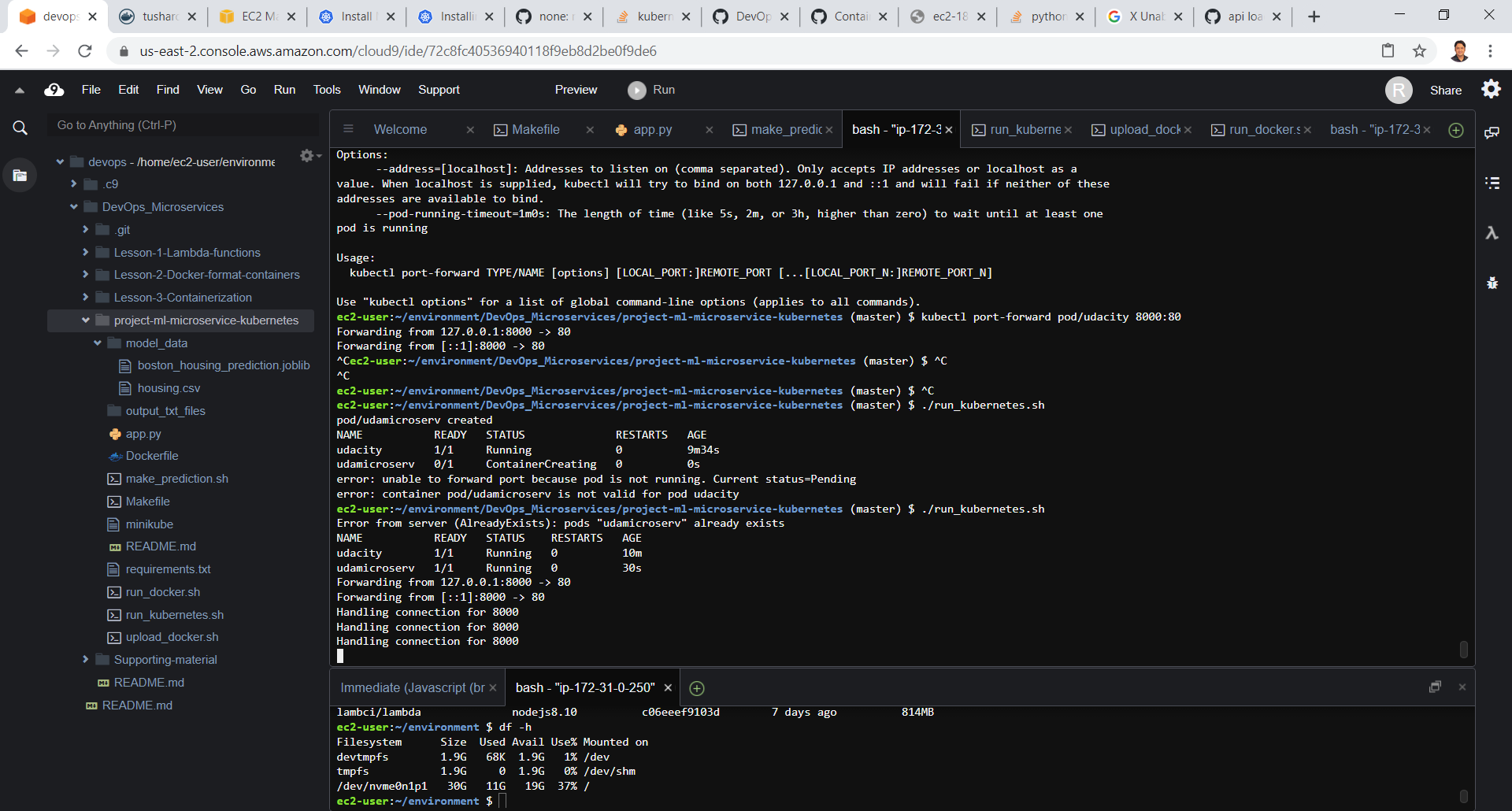
## Task 5: Configure Kubernetes to Run Locally

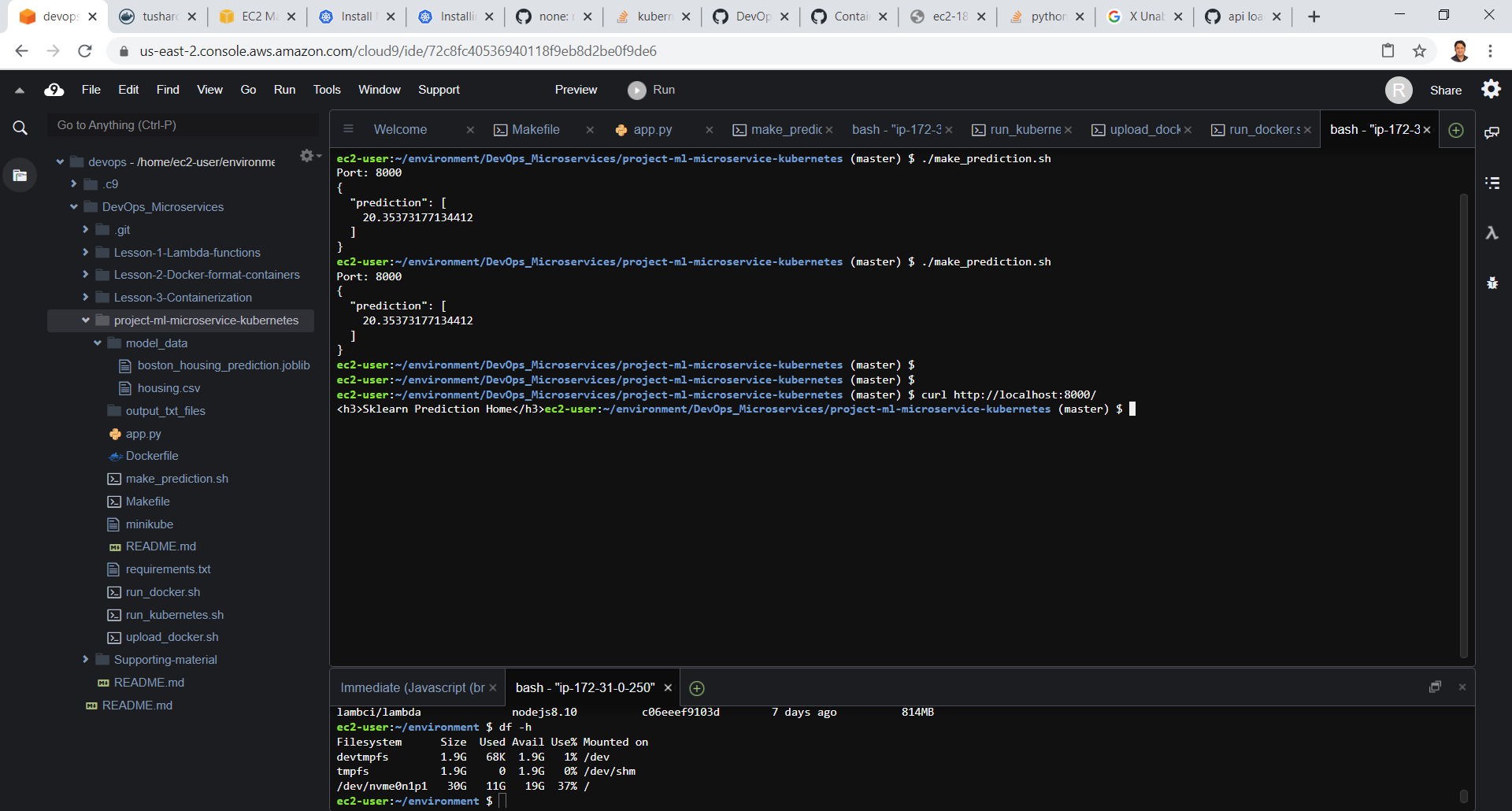
Completed below



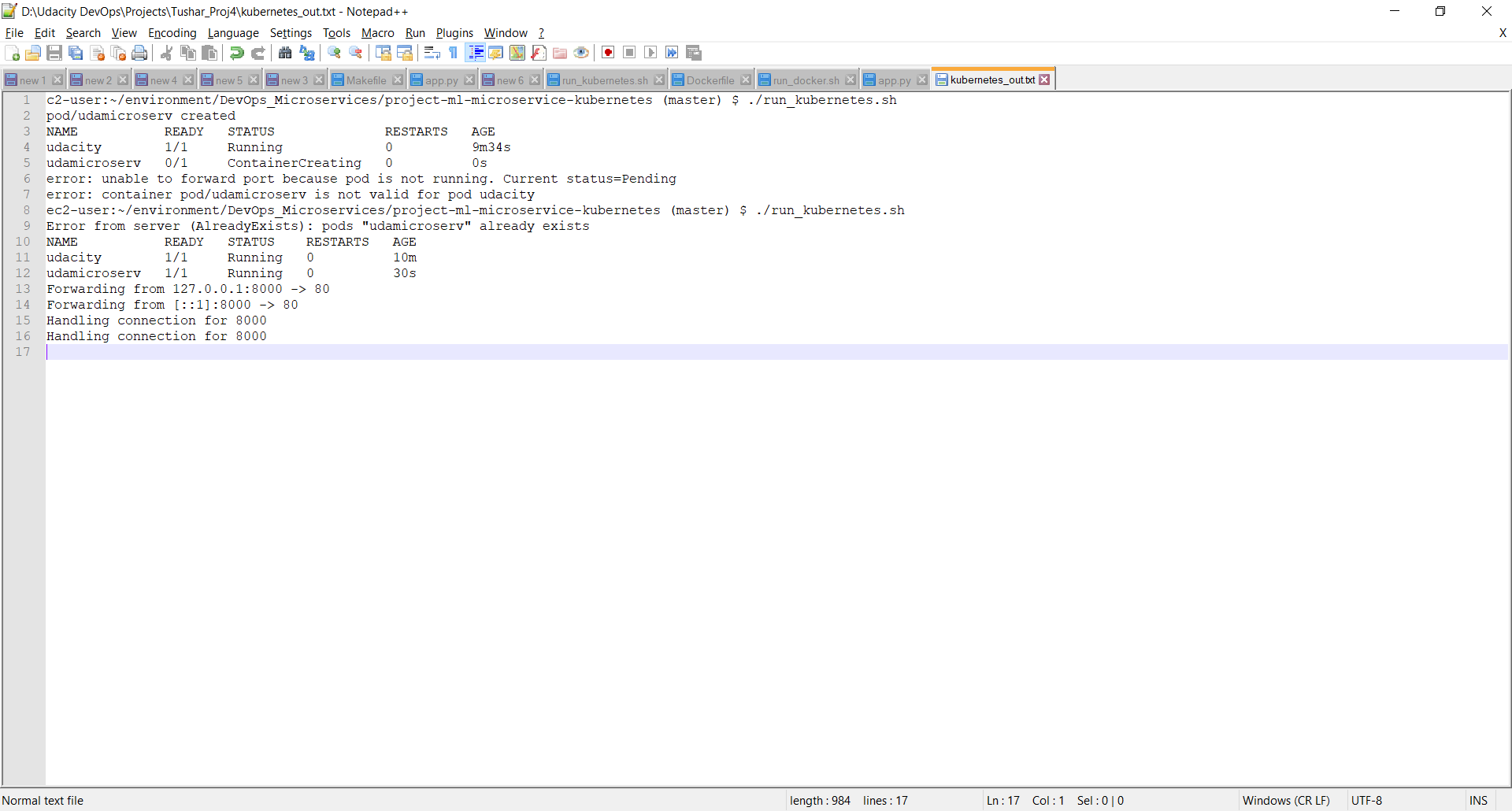
## Task 6: Deploy with Kubernetes and Save Output Logs





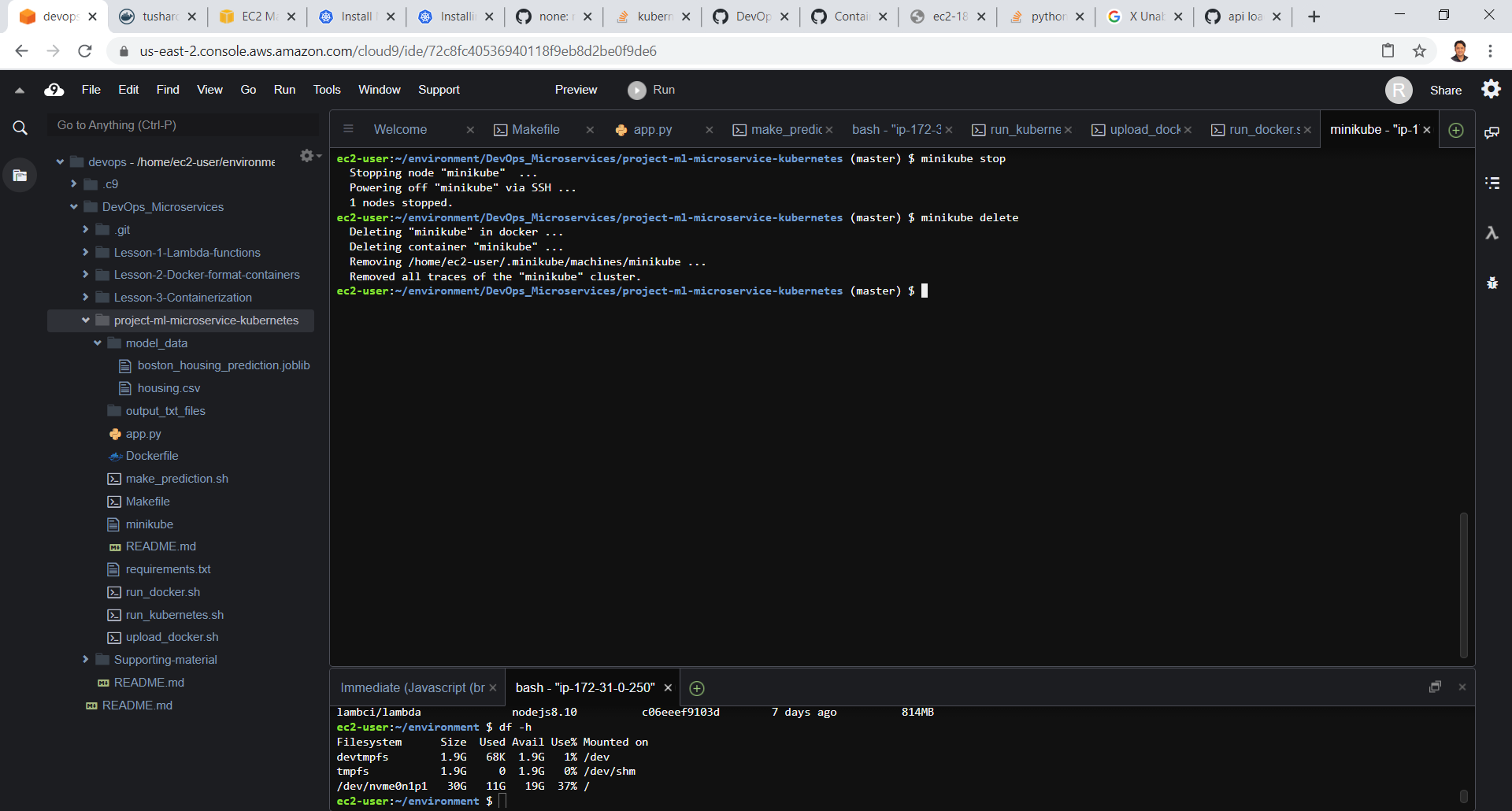


Task 6: completed – output of kubernetes captured in file



## Task 7: [Important] Delete Cluster

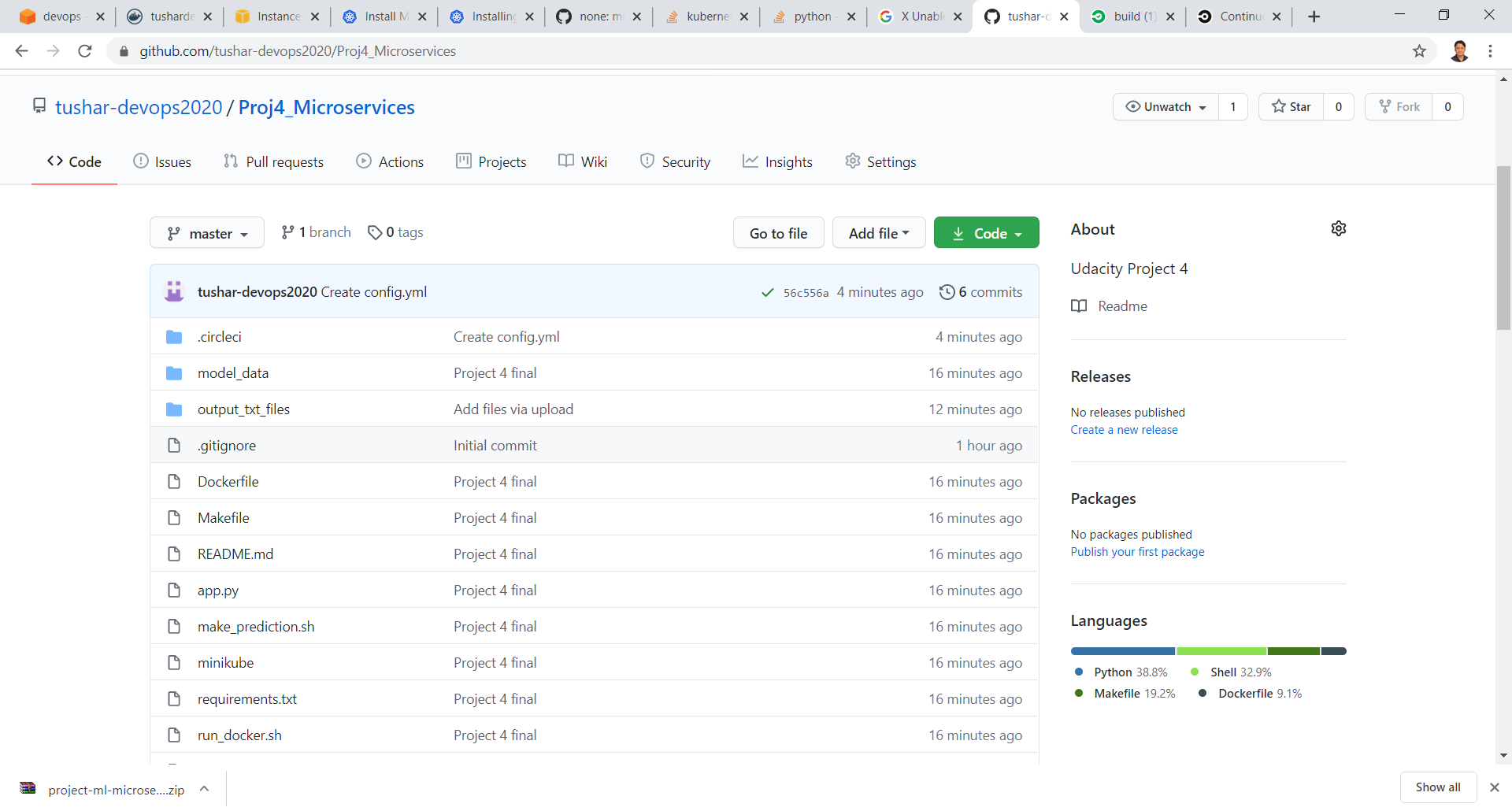
completed



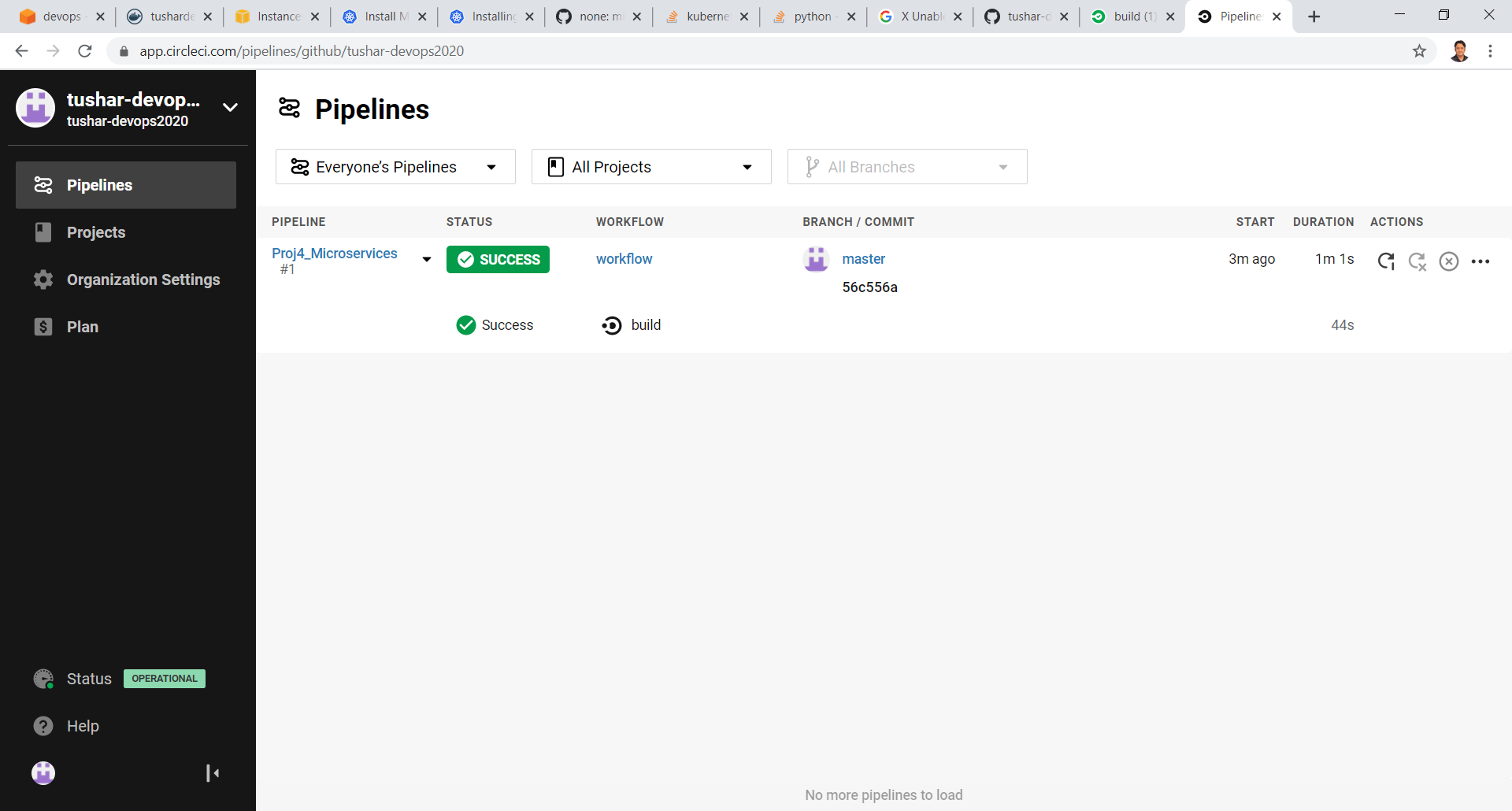
## Task 8: CircleCI Integration



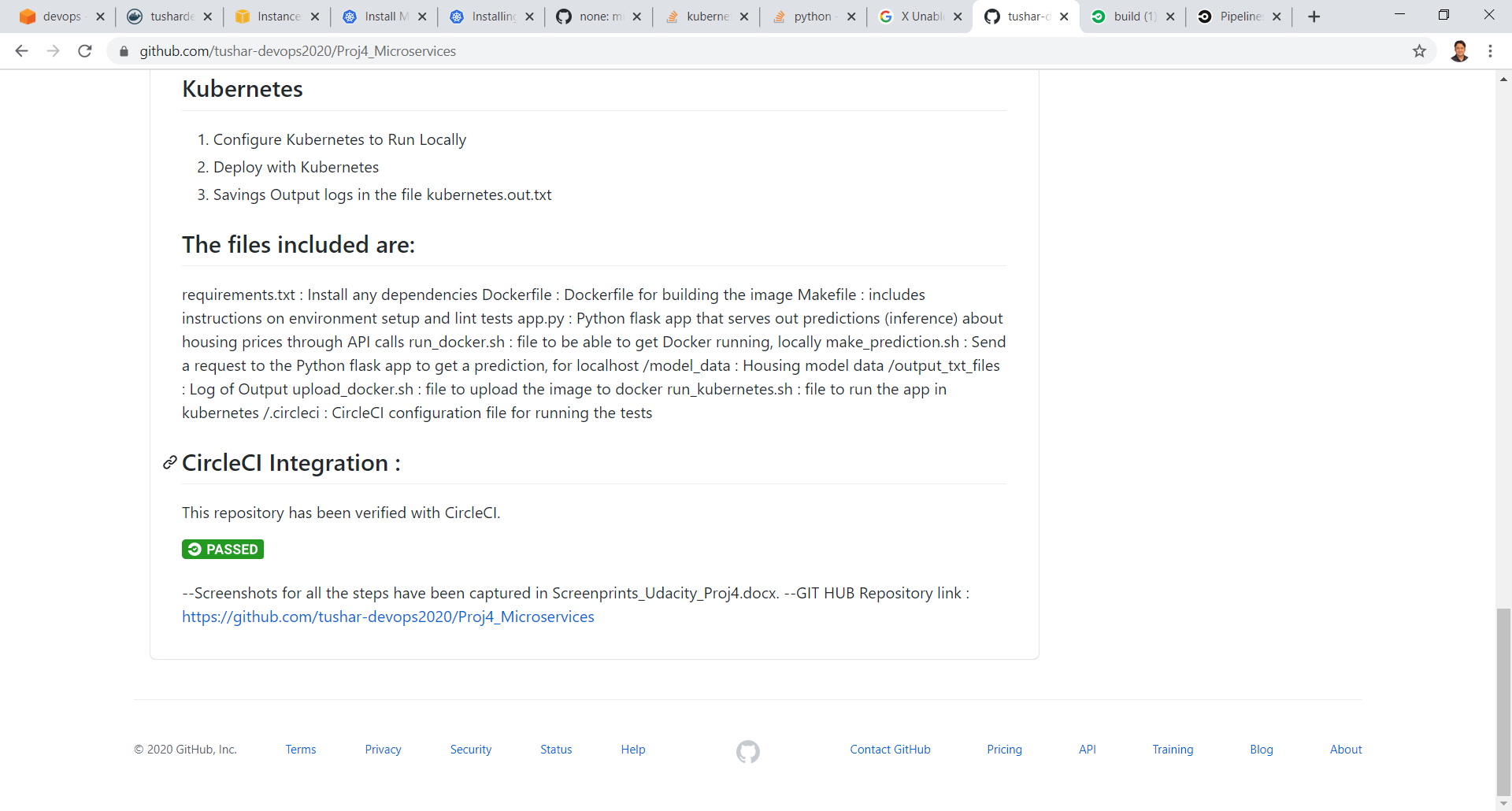
Uploaded on Git Hub –



Build with Circle CI



PASSED badge



## Task 9: README.md

File created and uploaded on git hub

<https://github.com/tushar-devops2020/Proj4_Microservices>

“passed" status badge also visible on README.md file –

