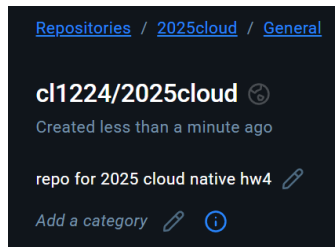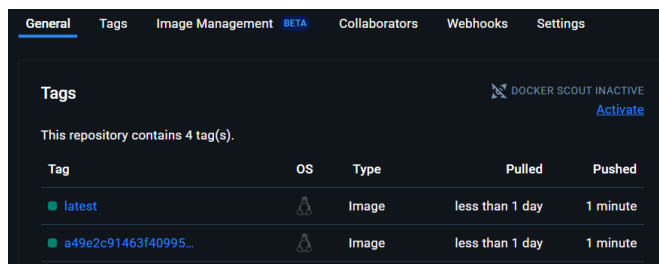Cloud Native HW4

R13922213 梁正

Github Repo: https://github.com/2025-Spring-CloudNative/cloud_native_hw4

1. Docker Hub

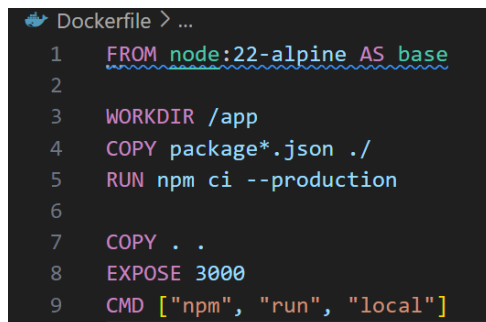- Create a repo on Docker Hub named 2025cloud
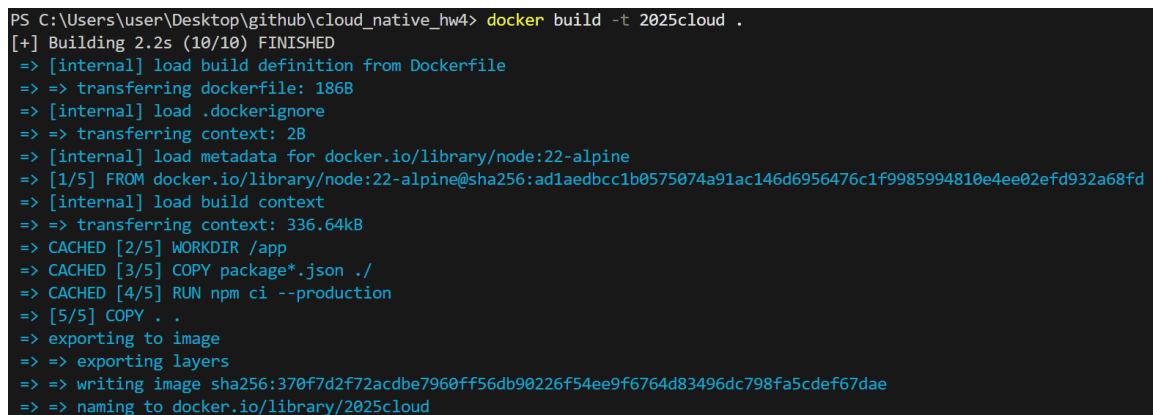

- More than two images available
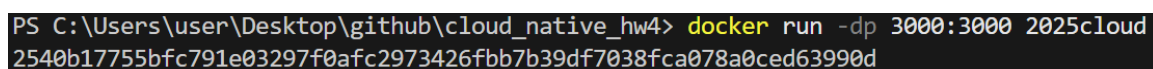

2. Git Repo & README & Dockerfile

- Dockerfile in Git repo

- Build docker image

- Run the docker container from built image

With flag –d and –p, the container is run in detached mode and exposes port 3000

3. GitHub Action Integration
   - Github Action for docker build
     Link: https://github.com/2025-Spring-CloudNative/cloud_native_hw4/actions/runs/14830218193
   - Github Action for docker push
     Link: https://github.com/2025-Spring-CloudNative/cloud_native_hw4/actions/runs/14830218193
   - Failed demo PR due to error in Dockerfile
     PR: https://github.com/2025-Spring-CloudNative/cloud_native_hw4/pull/7
     Link: https://github.com/2025-Spring-CloudNative/cloud_native_hw4/actions/runs/14830404065

4. Documentation
   See README.md for detailed explaination