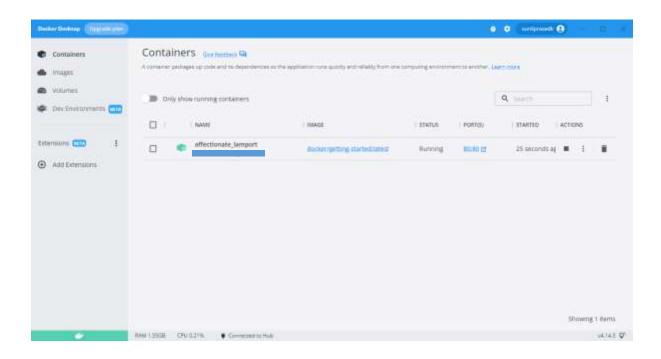
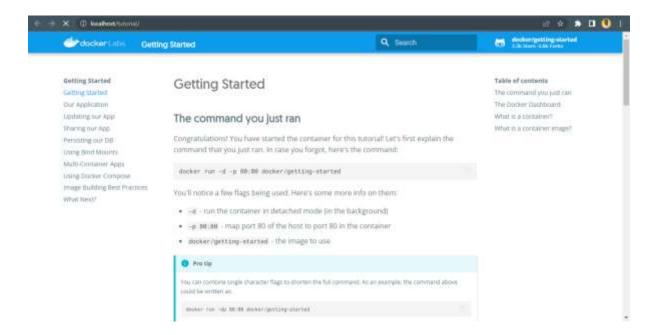
1. Pull an Image from the docker hub and run it in the docker playground.

Step 1: Installed docker and signed up with docker hub. Then, pulled the image (docker's get started) and run it in the docker playground from the command line interface of a computer.

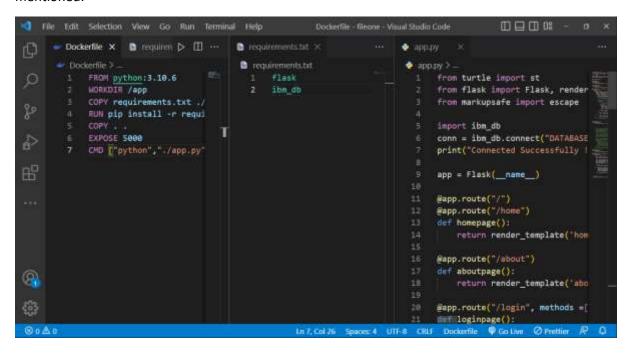


Step 2: Running the container locally.

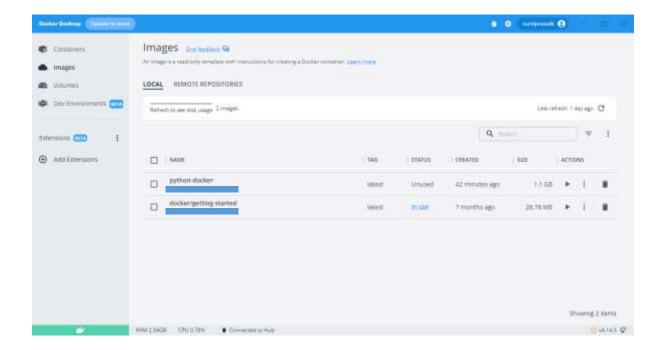


2. Create a docker file for the job portal application and deploy it in the Docker desktop application.

Step 1: First, I created the docker file with requirements file. In which, flask and ibm_db are mentioned.

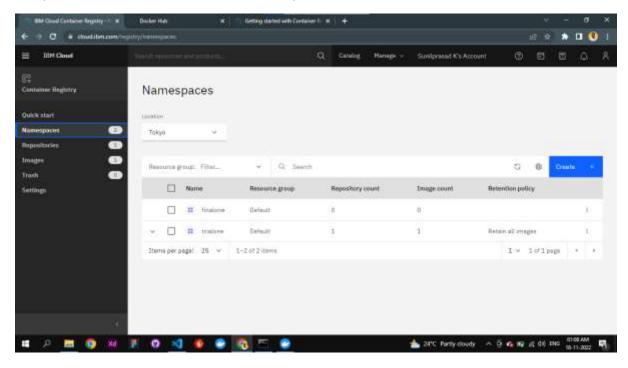


Step 2: Then, build the image and run the image container in the docker desktop application.

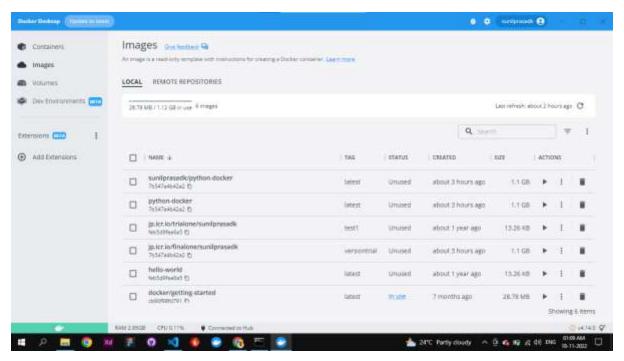


3. Create an IBM container registry and deploy the HelloWorld app or job portal app.

Step 1: First, I created the container registry in IBM cloud, then create the namespaces and perform the quick start commands to understand the operation.



Step 2: Finally, I tag the image which I want to send to the IBM cloud container registry. Then I push it to container registry.



3. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

