Docker

Make sure the virtualization should enable while installing the docker desktop

Once the installation was done. Then open the command prompt and type docker to make sure whether the docker is installed or not in our local system





Docker Version



Open docker hub







Run the container



Check whether container is working or not



Accessing the IP



Stop the docker container



Digits in the command are container id



Docker Desktop



Remove the docker image



Docker Desktop



Remove the container manually if you want.

Hello-world container



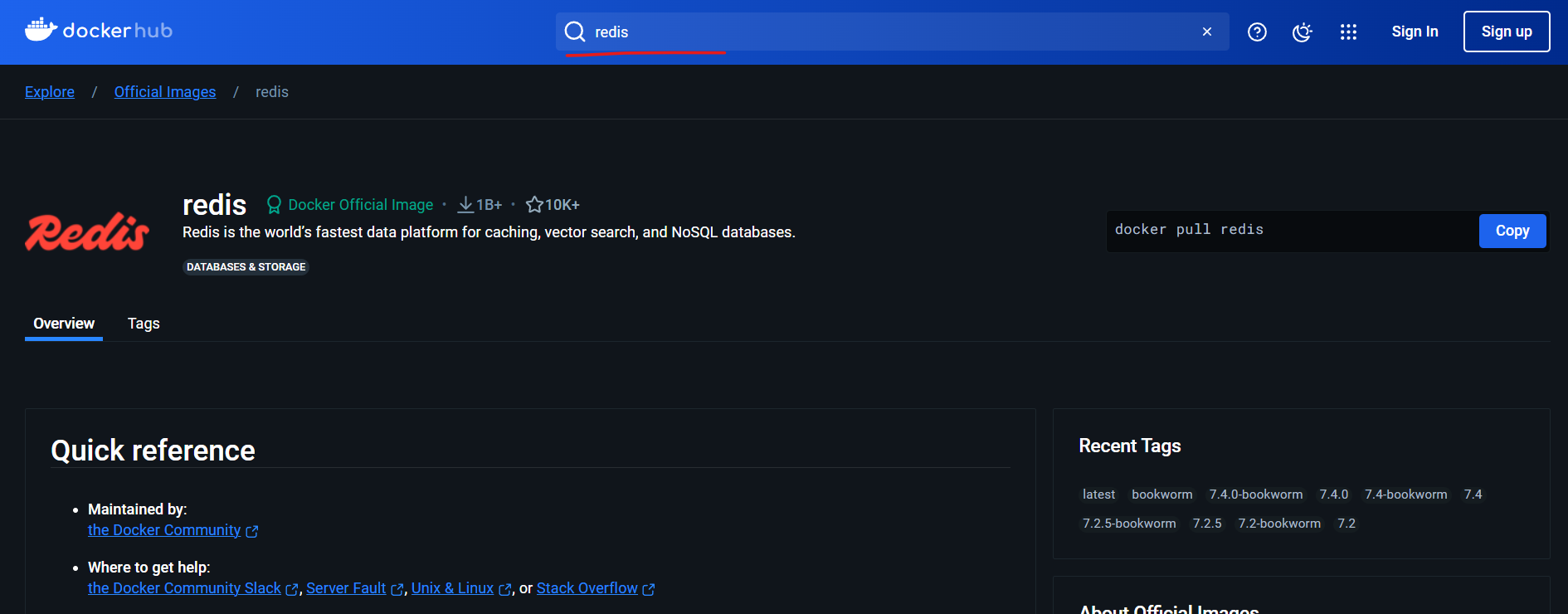
Pull the image

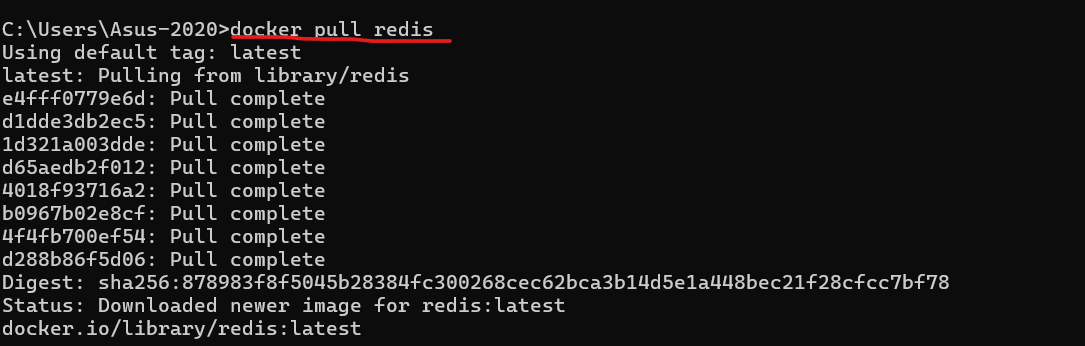


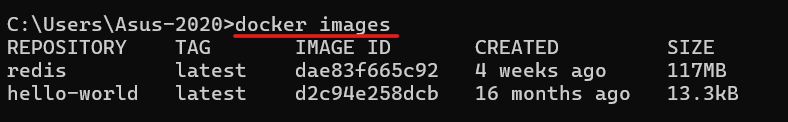
Run the docker

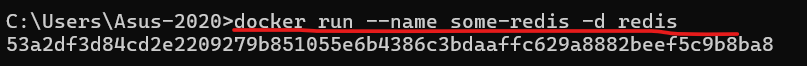


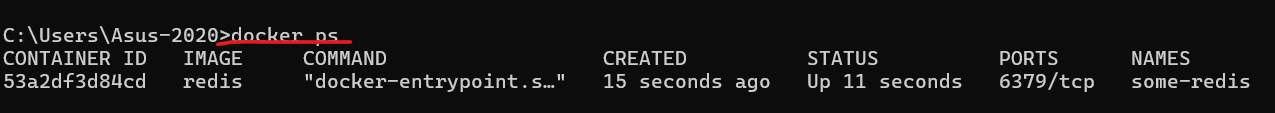
Redis image

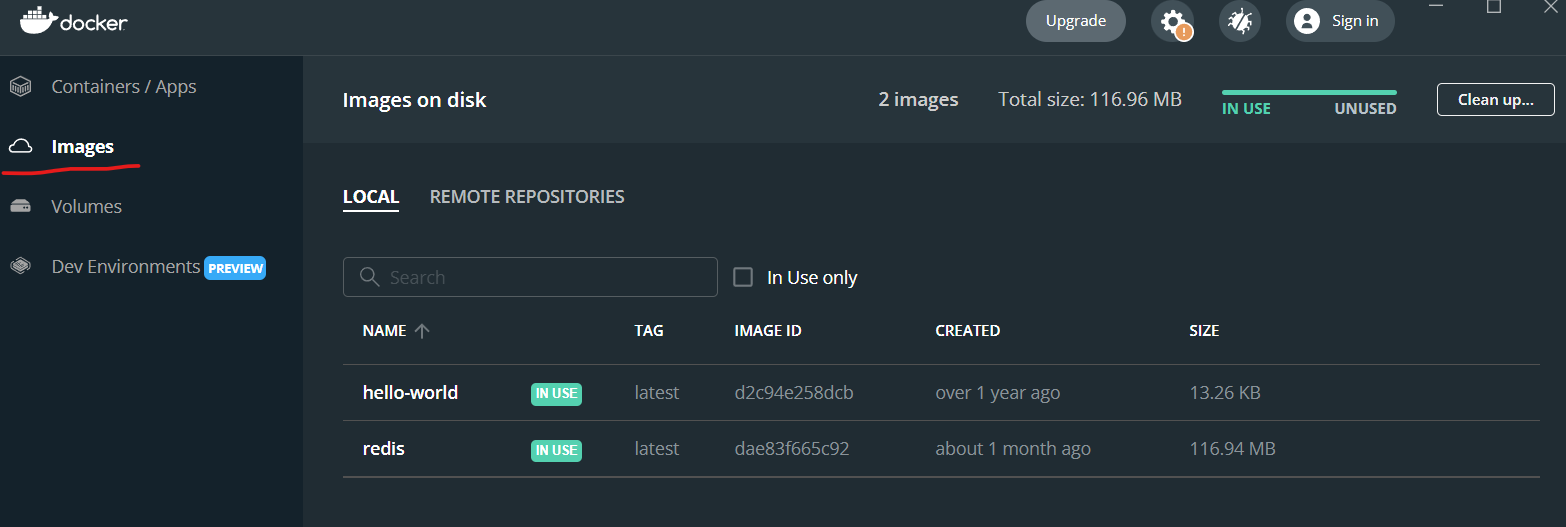


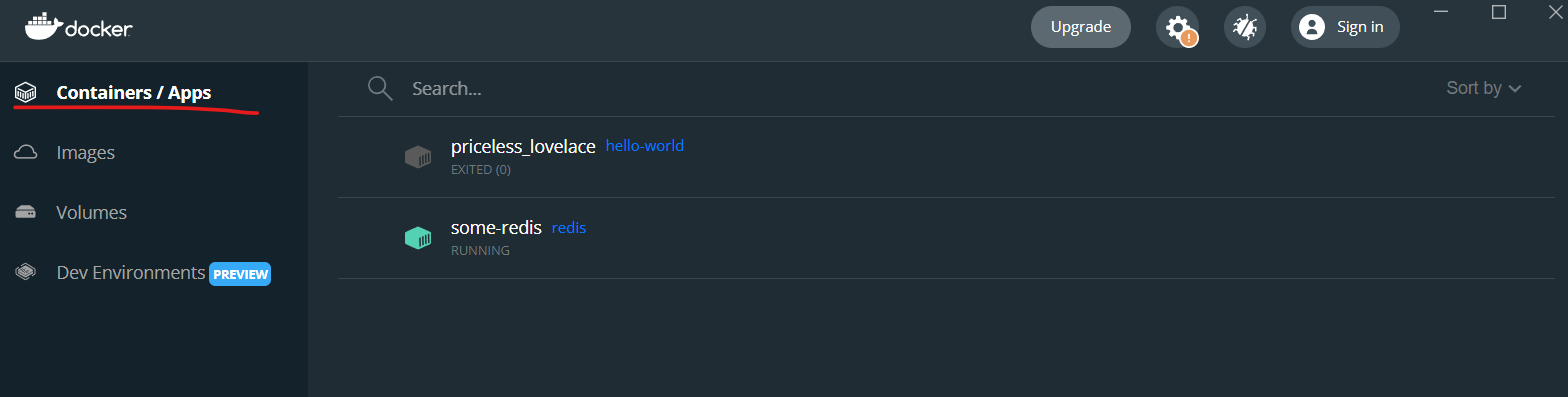






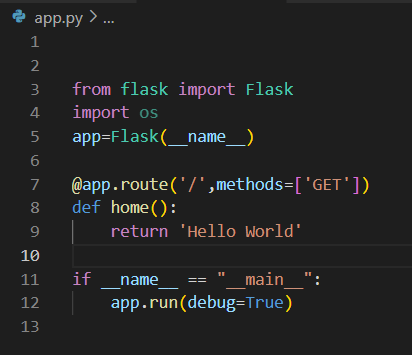






Creating Docker image

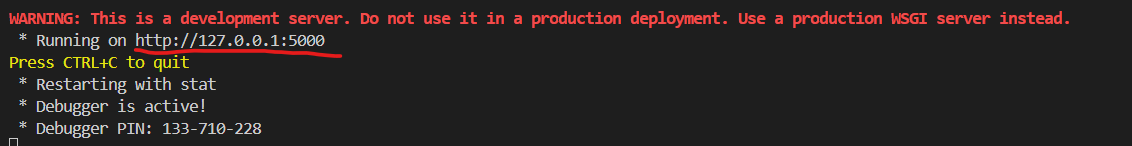
Create a simple hello world flask application

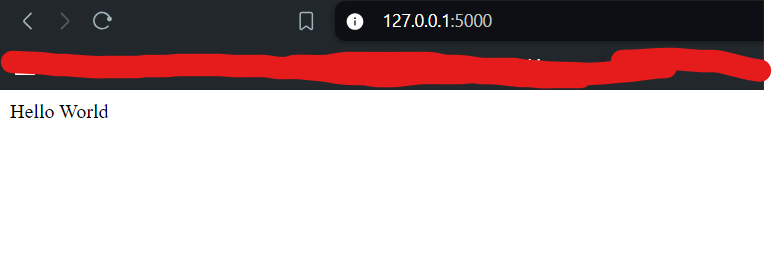




Run the app.py file

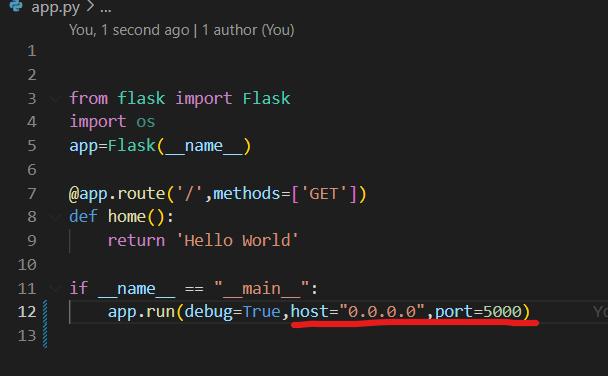






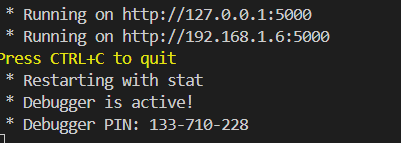
Dockerize the application

One change we need to do



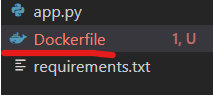
Host address = with the help of host ip and local address also we can access the application

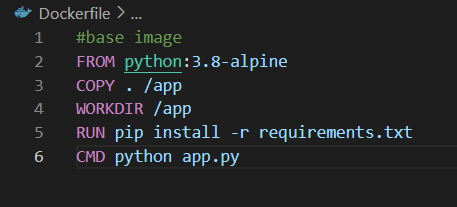
Again run the app.py file



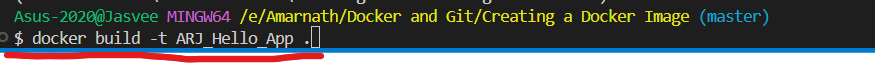
Then it will work as expected

We need to create a new file for the docker

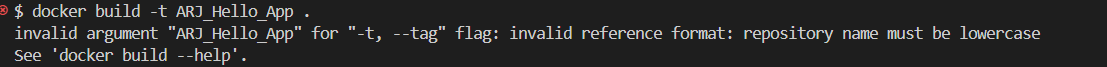




Now build the docker file

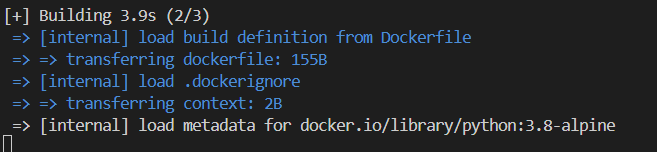


Error





Build has started



Check whether we have the image or not

