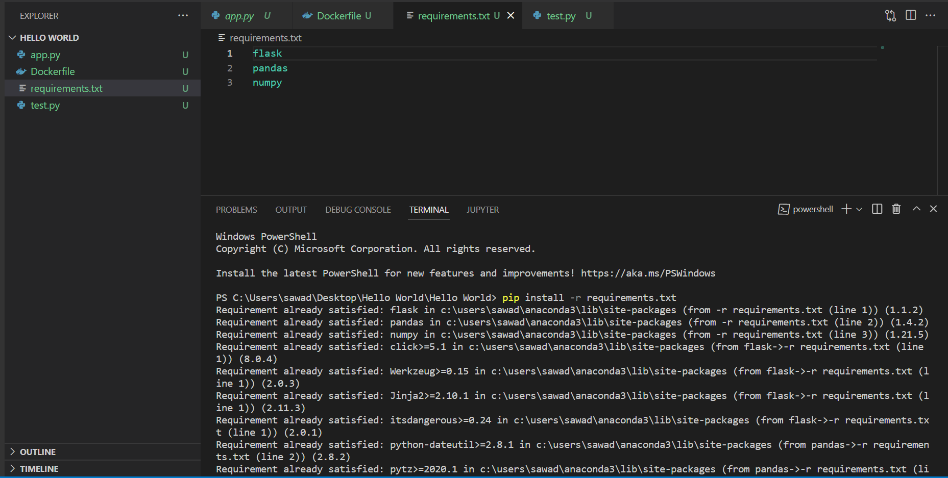
**TASK-4**

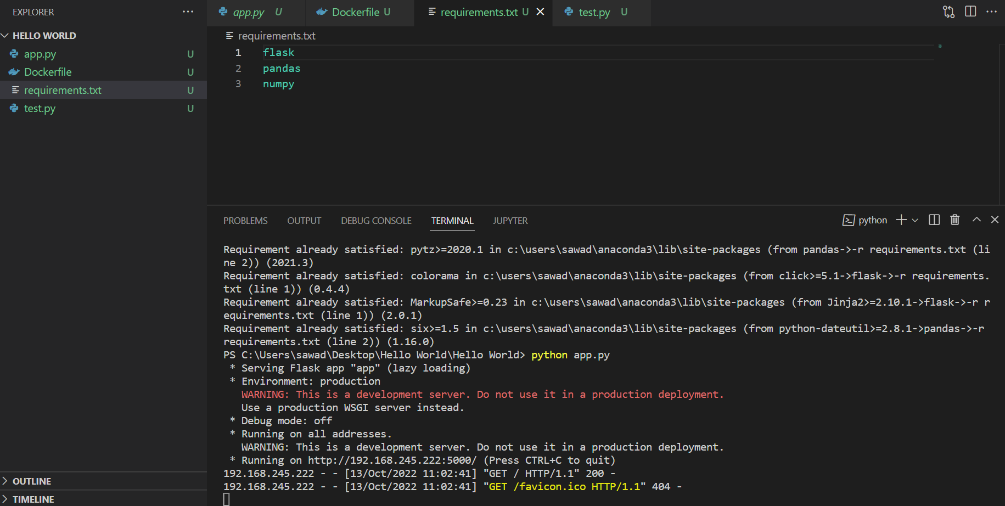
**Automate Assignment below task using GitHub action.**

1. **Build Docker Image**

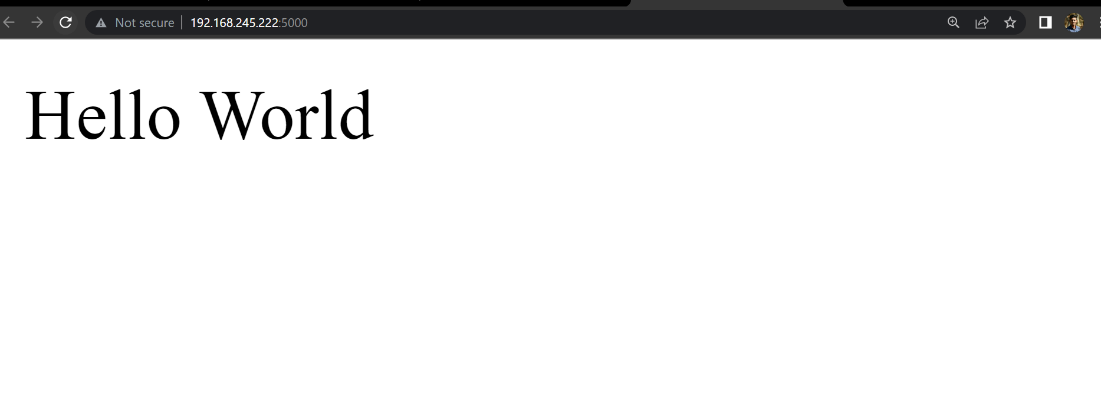
STEP 1: - Install requirements.txt file with command < pip install -r requirements.txt >



STEP 2: - Run python app.py file with command < python app.py >

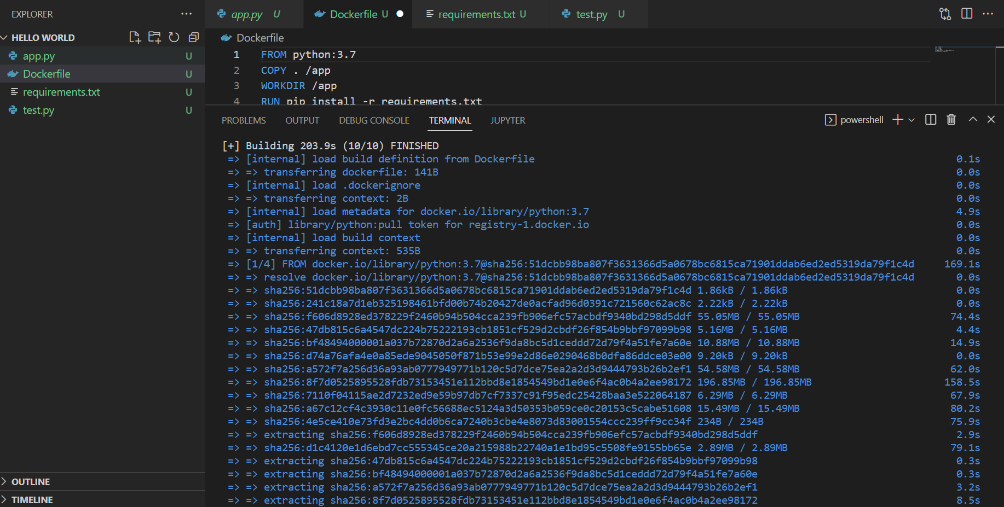
****

STEP 3: - Click on output URL and open in new tab just like following image.

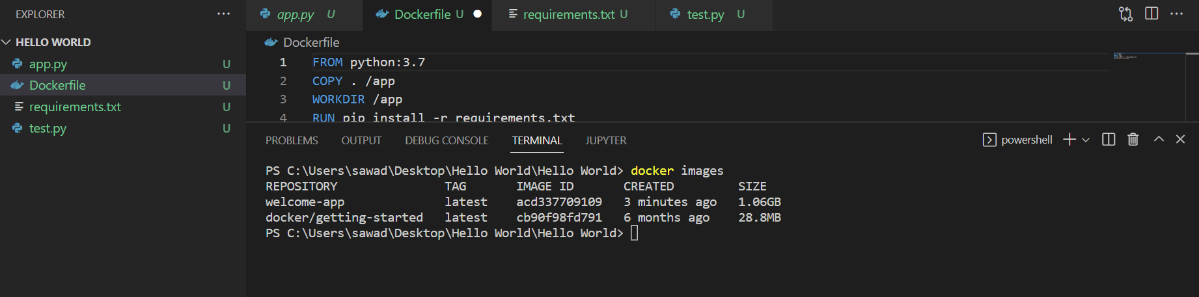
****

STEP 4: - Download welcome app with command < docker build -t welcome-app . >

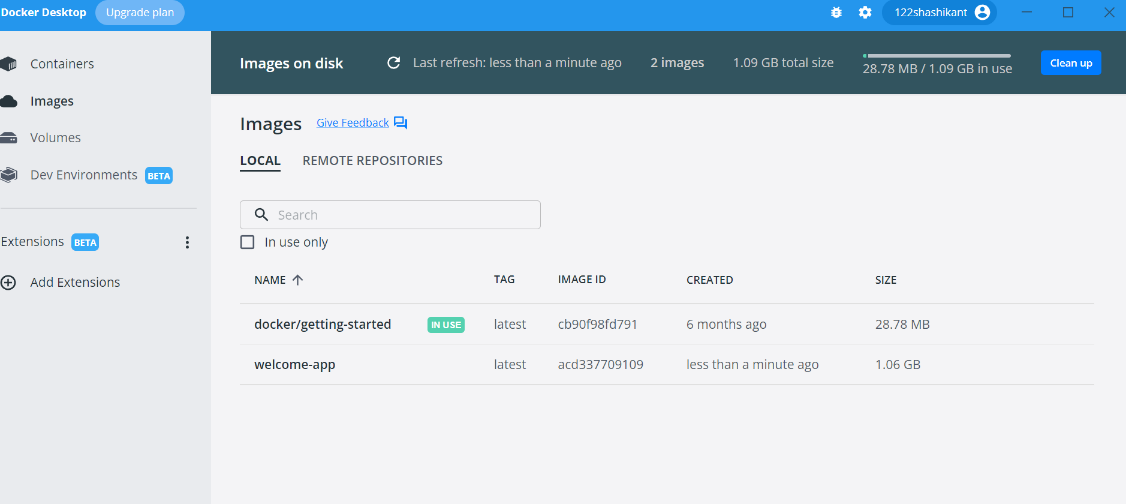
****

****

STEP 4: - **Check docker image with command < docker images >**

****

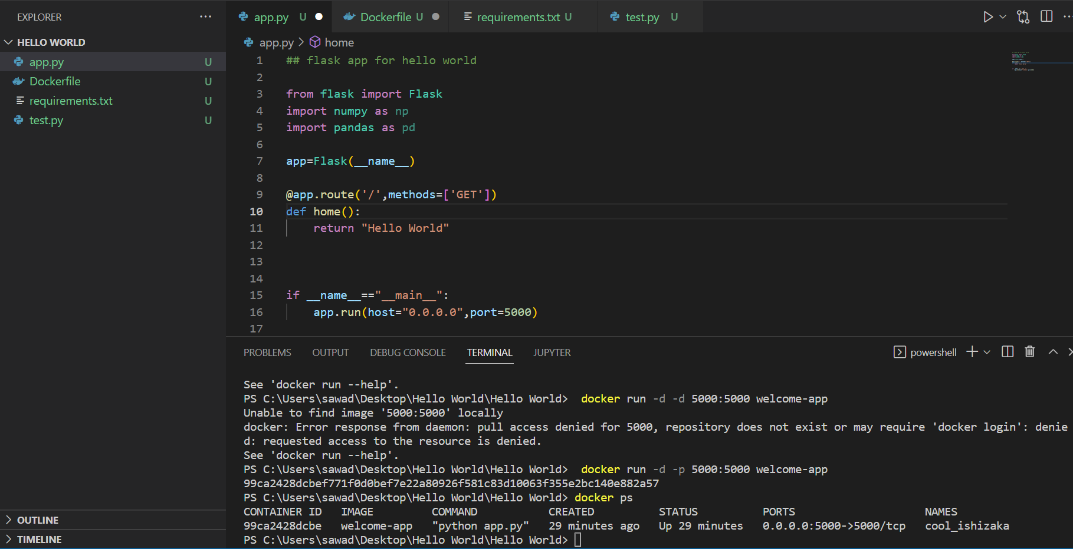
STEP 5: - **Check docker images in docker desktop app**

****

STEP 6: - Run docker container in locally with command < docker run -d -p 5000:5000 welcome-app

First 5000 is assigned port number

Second 5000 is container port number

****

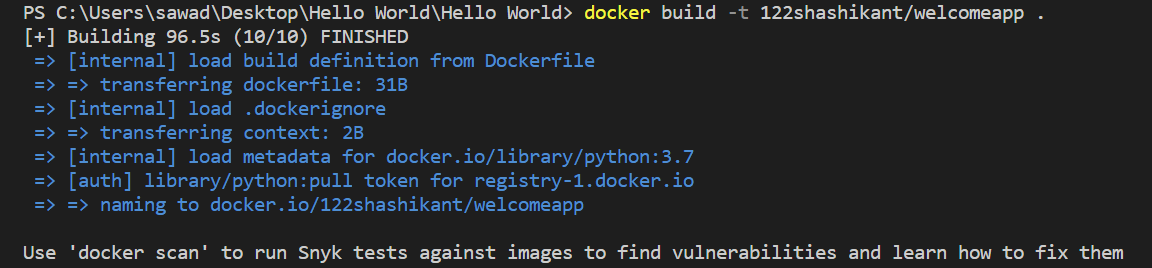
STEP 7: - Run in new tab with local host id with assigned port number after like 127.0.0.1:5000

****

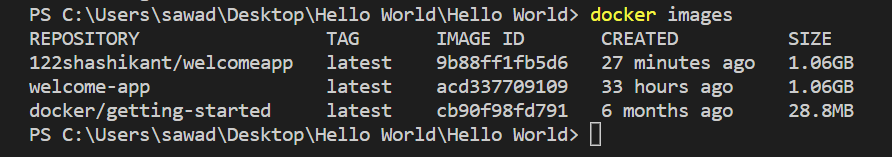
1. **Push Docker Image to Docker hub.**

**STEP 1: - Build docker image in docker hub profile with command**

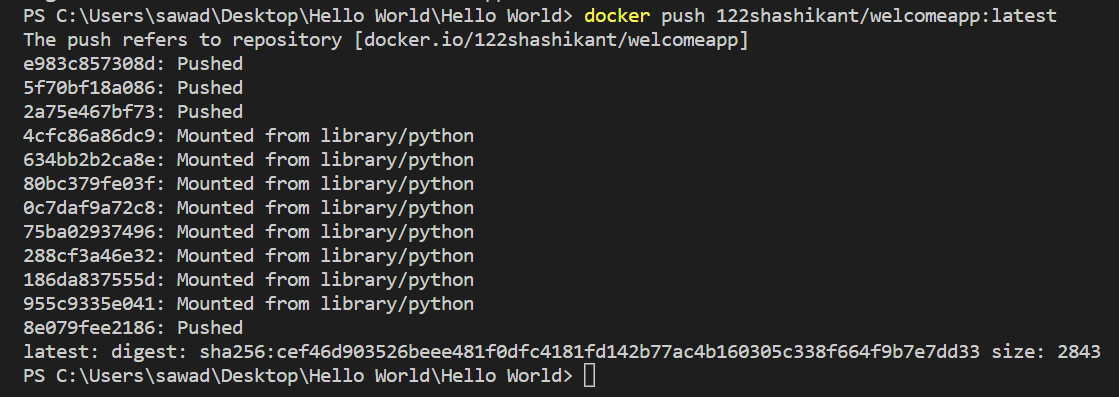
**< docker build -t 122shashikant/welcomeapp . >**

****

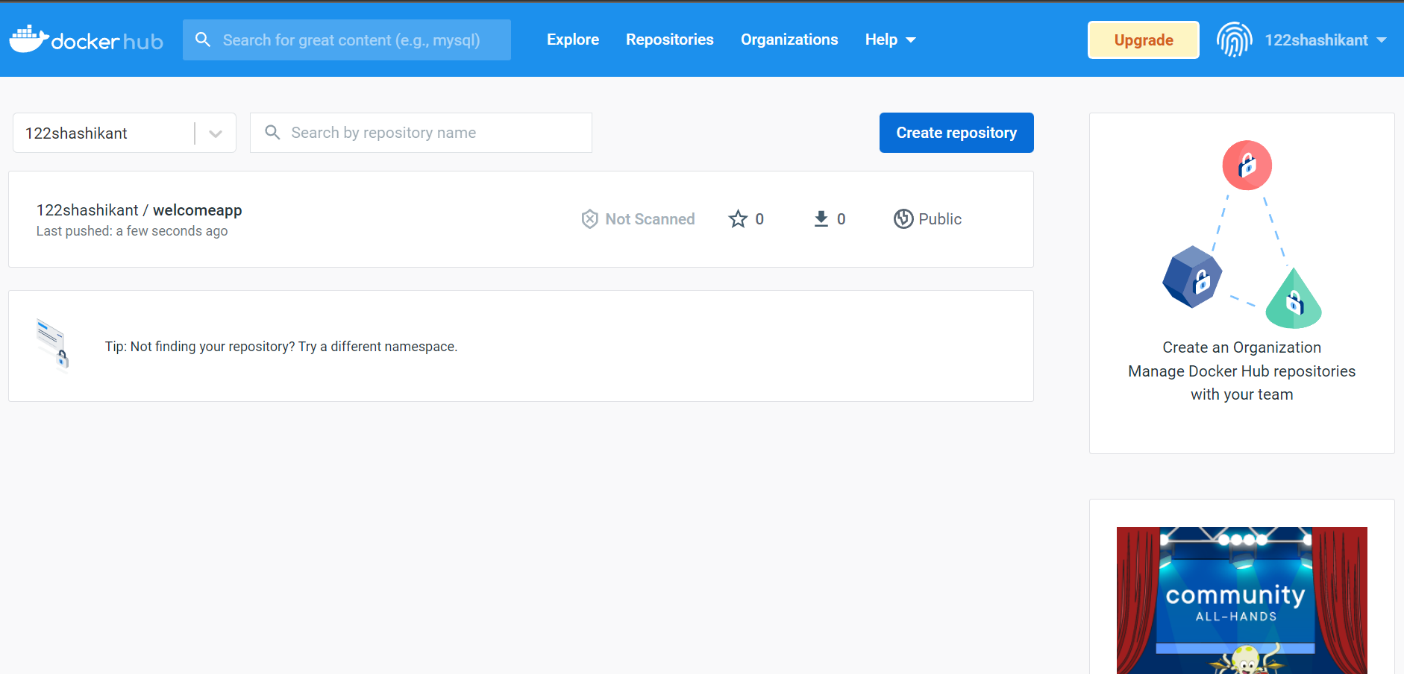
**STEP 2: - Check docker images with command < docker images >**

****

**STEP 3: - Push the image in docker hub with command < docker push 122shashikant/welcomeapp:latest >**

****

**STEP 4: - Check push images in docker hub to go to docker hub pages and check**

****