Docker & Docker Hub

Assignment 1:

Demonstrate minimum 15 basic docker command with explanation and screenshot.

Submission Example

1. Docker images

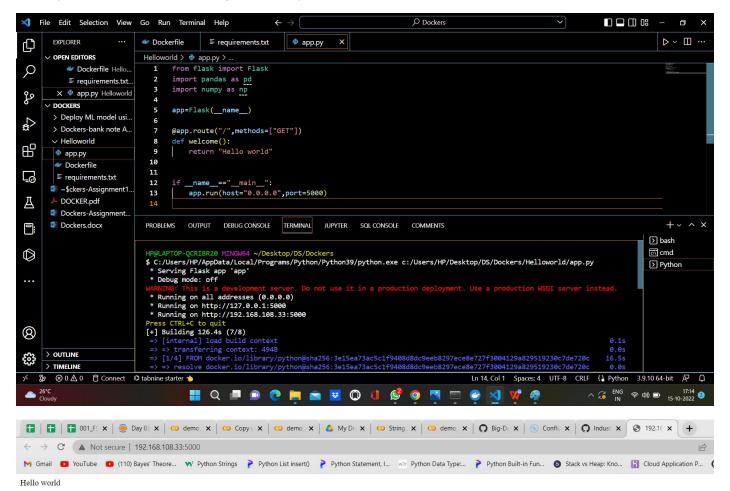
This command is used to display all the images available in your local machine

```
C:\Users\HP\Desktop\DS\Dockers>docker images
REPOSITORY
                                 TAG
                                            IMAGE ID
                                                            CREATED
                                                                         SIZE
                                                            7 days ago
                                            d346477ff2f2
welcome-app
                                 latest
                                                                         1.09GB
mahadevkharmate94/welcome-app
                                 latest
                                            d346477ff2f2
                                                            7 days ago
                                                                         1.09GB
                                            a50d931d7814
                                                                         1.09GB
<none>
                                 (none)
                                                            7 days ago
<none>
                                            d2e6e66ecdaa
                                                            7 days ago
                                                                         1.06GB
                                 <none>
C:\Users\HP\Desktop\DS\Dockers>
```

Assignment 2:

Hello World Docker Image Run Hello World Docker Image Locally.

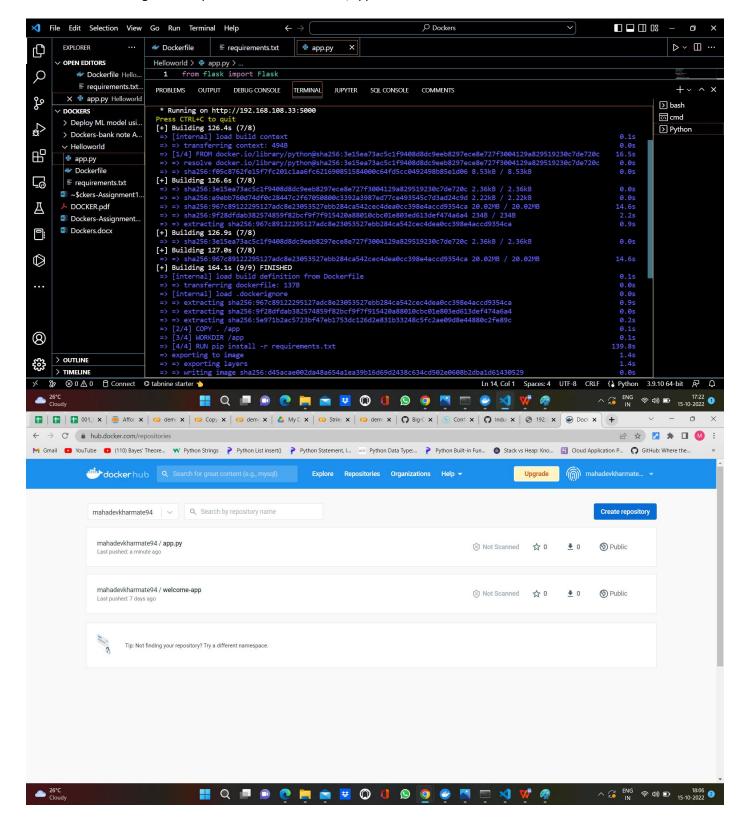
Perfectly Run Hello world Docker Image app Locally.



Assignment 3:

Create a hello world fastapi application. Create a Dockerfile for your fastapi hello world application. Build Docker image using Docker file. Run docker image build in previous step. Push your Docker image to Docker Hub.

- I have Build the Docker Image by command: Docker build -t app.py
- TO Run Docker image: docker run -d --p 8000:8000 app
- TO Push Docker Image: docker push mahadevkharmate94/app



Assignment 4:

Automate Assignment below task using github action.

1. Build Docker Image

2. Push Docker Image to Docker hub.