

Dockerfile creation

Dockerfile creation for http

Overview commands :

Install Docker and check it's installed or not.

docker info

Created a directory /opt/httpfol

cd /opt

ls

mkdir httpfol

cd httpfol

created a Dockerfile with below content.

vi Dockerfile

FROM httpd

COPY vss-http.html /usr/local/apache2/htdocs/

WORKDIR /usr/local/

#RUN service apache2 start

EXPOSE 80

Created a html file for hosting

vi vss-http.html

and wrote inside some html content.

Now you have 2 file in your directory

ls

it will show you Dockerfile and vss-http.html

Now we have to build a code

docker images

//now it will not show any images

docker build -t sasi0611/sasi-http .

//now Docker build successfully. If any errors, you have to edit Dockerfile accordingly.

docker images

// now you can able to view docker images

Let's will Run Docker image

```
docker run --name deepthi1 -p 9090:80 -dit sasi0611/sasi-http
```

Once Run code successfully, please check on Web, with ip:9090

For our page, ip:9090/vss-http.html

Let's will push our image in to DockerHub

```
docker push sasi0611/sasi-http
```

// it will through as access denied as you didn't logged in

```
docker login
```

// login with your username and password

```
docker push sasi0611/sasi-http
```

Now successfully pushed your image into DockerHub.

Go to hub.docker.com and check your image in repositories

How to use Docker file?

```
docker run --name deepthi2 -p 9011:80 -dit sasi0611/sasi-http
```

// it will download sasi-http image from sasi0611 account and it is running with 9011 port number