**Docker Installations**

Docker Installation

**1.Linux (ubuntu)**

sudo apt-get update

curl -sSL https://get.docker.com/ | sh # retrieve docker into local system

sudo usermod -aG docker ubuntu/centos

sudo service docker start

sudo service docker status

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**Docker commands(basic)**

docker --version

docker info

docker --help

docker container --help

docker container run --help

docker container run <Image Name>

docker ps

Docker home directory -- /var/lib/docker

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CREATE PYTHON ENVIRONMENT

First create folder ‘mkdir folder name’

1. create a docker file

vi Dockerfile

OR

Docker pull image name

**2**. Inside the file

FROM python:version

3. Build the image using Dockerfile

- docker image build -t folder name .

4. Check whether the image is created or not

- docker images or docker image ls

5. create docker container

- docker container run -t image name or image id

6. go into the container

- docker container run -it image name or image id /bin/bash

7. after that do as usual regular tasks which are assigned to you like run build etc.

8.how to remove docker container

Docker rm -f image name or image id