docker info

docker run -d -p 80:80 --name webserver nginx

docker run -d -p 8080:80 --name my\_nginx nginx

docker ps -a

docker stop my\_nginx

docker start my\_nginx

docker restart my\_nginx

docker rm my\_nginx

docker logs my\_nginx

docker top my\_nginx

docker inspect my\_nginx

docker stats

docker images

docker build -t my\_custom\_image .

docker pull ubuntu:latest

docker tag ubuntu:latest ramu478/ ubuntu:latest

docker push ramu478/ ubuntu:latest

docker rmi my\_custom\_image

**Save an image to a tar archive**

docker save -o ubuntu\_image.tar ubuntu:latest

docker load -i ubuntu\_image.tar

**Network Commands**

docker network ls

docker network create my\_custom\_network

docker network rm my\_network

docker network inspect bridge

**Volume Management:**

docker volume ls

docker volume create data\_volume

docker run -it --name c1 -v myvol1 ubuntu

docker run -it --name c3 --volumes-from c4 --privileged=true ubuntu

docker run -it --name c2 --mount source= data\_volume,destination=/ data\_volume ubuntu

docker volume inspect data\_volume

docker volume rm data\_volume

**Docker Compose (Multi-Container Applications)**

docker-compose up -d

docker-compose down

docker-compose logs

**Execute a command in a running container from Compose**

docker-compose exec webserver ls /var/www

**Docker Swarm and Orchestration**

docker swarm init

docker swarm join --token SWMTKN-1... 192.168.1.10:2377

**System Management**

docker system prune

docker system prune -a

docker system df

**To know the size of your Docker containers, you can use the following command:**

docker ps -s

ps -ef | wc -l--🡪 we can see the number of process running on ec2

ps -ef------🡪 we can see the list of process running on ec2

docker run -dt nginx