1. **#docker info**

**#docker version**

**To get detail information**

1. **#docker container ls**

**#docker image ls**

**To list details**

1. **#docker container run ubuntu**

**It will check image locally and if not found download it from docker registry and create a container.**

1. **#docker container ls**

**To check running container**

1. **#docker container ls -a**

**To check container which is currently off or run for some time and exited(foreground process).**

1. **#docker container rm “container id”**

**To remove container**

1. **#docker container stop “container id”**

**To stop particular container**

1. **#docker container start “container id”**

**To start particular container**

1. **#docker container run -d ubuntu**

**To run container in background**

1. **#docker container run -it ubuntu /bin/bash**

**To go inside container with shell login**

1. **#docker container rm $(docker container ls -aq)**

**To remove all container in one go**

1. **#docker container inspect “container id”**

**To get ip details and all for container**

1. **#docker container logs “container id”**

**To check logs of particular container**

1. **#docker container top “container id”**

**To check process running in container**

1. **#docker container stats**

**To check memory used in container**

1. **#docker container run -d -p 3600:80 --name tiger\_web nginx**

**To listen container on different port to access it from outside**

1. **#docker container rename 46f testonly**

**To rename container**

1. **#docker container exec -it 46f /bin/bash**

**To go inside shell of container**

1. **#docker container kill “container id”**

**To forcefully kill the container**

1. **#docker container attach “container id”**

**To go inside shell of the container. If we exit from shell then container will be stopped. Press ctrl + pq to leave the shell without stopping the container.**

1. **#docker container prune**

**This will remove all stopped container**

1. **#docker container create ubuntu**

**This will only create a container. You need to start the container after that by using start command.**

1. **#docker container diff 501**

**To know what changes happening inside container**

1. **#docker container cp /home/ec2-user/ 5012a7c2075f:/tmp/**

**To copy data from our machine to container**

1. **#docker container export 4bf > git\_ubuntu.tar**

**To export your customize container if you wish to share with someone**

1. **#docker image import git\_ubuntu.tar new\_ubuntu**

**To create/import image from your customise container on**

**other/same machine**

1. **#docker container commit --author 'swapnil' -m 'test image' 3fb nginx\_commint**

**To create image by using commit command on same machine**

1. **#docker image pull ubuntu:20.04**

**To download specific image from docker hub**

1. **#docker image tag new\_ubuntu swapniladivarekar/new\_ubuntu**

**It will create same image with new tagged name**

1. **#docker push swapniladivarekar/new\_ubuntu**

**push your local image to docker hub. You need to login your account from terminal before hitting above command**