1. Pull any image from dockerhub ( image name is redis in this case)

docker pull redis

1. Run container from any image from dockerhub ( image name is hello-world in this case )

docker run hello-world

1. Display list of all docker images

docker images

1. Run container in detached mode and mapped to certain port

docker run -d -p 8600:8080 pengbai/docker-supermario

1. Display currently running containers

docker ps

1. Display all the containers ( running + stopped )

docker ps -a

1. Stop the running container

docker stop <container\_id>

1. Remove the stopped container

docker rm <container\_id>

1. Remove the running container ( To remove the running container, either you need to stop it and remove OR you need to force removal )

docker rm -f <container\_id>

1. Remove docker image ( Before removing image make sure we have removed container associated with it )

docker rmi redis

1. To remove all the containers forcibly in single command

docker rm -f $(docker ps -aq)

1. To remove all the images in single command ( -f for forcing )

docker rmi $(docker images -q)

1. Export Images to tar file and Import images from tar file. ( Backup Activities )

docker pull redis

docker pull nginx

docker images

Command to export images in tar file

docker save redis nginx -o images.tar

docker rmi redis

docker rmi nginx

docker images

Command to import images from tar file

docker load -i images.tar