IMAGES

⇒ docker images
  List all local images.

⇒ docker rmi < image-name >
  Delete an image.

⇒ docker image prune
  Remove unused images.   optional

⇒ docker build -t <img-name>:<version>
⇒ docker build -t<img-name>:<version> --no-cache
  Build an image from a Dockerfile.
           build without cache ←

CONTAINER

⇒ docker ps -a
List all local containers
(running or stopped).

⇒ docker ps
List all running containers.

⇒ docker run <image-name>
Create & run a new container.
(if image not available locally,
it'll be downloaded from Dockerhub.

⇒ docker run -d <image-name>
Run container in background.

⇒ docker run --name <custom-name>
<image-name>
Run container with custom name.

⇒ docker run -p<host-port>:<container-port>
<image-name>
Port Binding in Container.

⇒ docker run -e <var-name> = <var-value>
<container-name> (or container-id)
Set environment variables in a
container.

⇒ docker start | stop <container-name>
Start or stop an existing container.

⇒ docker inspect <container-name>
Inspect a running container.

⇒ docker rm <container-name>
Delete a container.

⇒ docker logs <container-name>
Fetch logs of a container.

⇒ docker exec -it <container-name>
bin/bash

docker exec -it <container-name> sh
Open shell inside running
container.

Docker Hub -

⇒ docker pull <image-name>
Pull an image from Dockerhub.

⇒ docker push <username>/<image-name>
Publish an image to Dockerhub.

⇒ docker login -u <image-name>
               OR
docker login
// also, docker logout to remove
        credentials.
Login into Dockerhub.

⇒ docker search <image-name>
Search for an image on
Dockerhub.

VOLUMES

⇒ docker volume ls
List all volumes.

⇒ docker volume create <VOL_NAME>
Create new named volume.

⇒ docker volume rm <VOL_NAME>
Delete a named volume.

⇒ docker run --volume <VOL_NAME>:
<MOUNT-PATH>
Mount named volume with
running container.

            OR USING --mount

⇒ docker run --mount type=volume,
src=<VOL_NAME>, dest=<MOUNT_PATH>

⇒ docker run --volume <MOUNT-PATH>
Mount Anonymous volume with
running container.

⇒ docker run --volume <HOST-PATH>:<CONTAINER-PATH>

To create a Bind Mount.

OR Using --mount

⇒ docker run --mount type=bind, src=<HOST-PATH>, dest=<CONTAINER-PATH>

⇒ docker volume prune

Remove unused local volumes.

⟹ docker network ls
List all networks.

⟹ docker network create <NETWORK_NAME>
Create a network

⟹ docker network rm <NETWORK_NAME>
Remove a network.

⟹ docker network prune
Remove all unused networks.