BASIC COMMANDS

docker images => list all local images.

docker pull <IMAGE_NAME>:<VERSION> => gets image from docker hub to the local registry.

docker image rm <IMAGE_ID> => deletes the image with given id from local registry.

docker image rm -f $(docker images -aq) => removes all images from local registry, -f is used to forcefully remove the images

docker ps => list all active running containers.

docker ps -a => list all containers, including dead.

docker run <IMAGE_NAME>:<VERSION> => pulls an image if it does not exist locally, and creates and starts a container from it.

"docker run" command optional parameters :-
- **--name <YOUR_CONTAINER_NAME>** => gives user specified name to the container instead of a random name
- **-p <HOST_PORT>:<CONTAINER_PORT>** => does port forwarding, mapping between container and host machine.
- **-d** => starts the container in detached mode or the daemon mode.

docker stop <CONTAINER_ID> => stops a container.

docker start <CONTAINER_ID> => restarts a container from stop state.

docker pause <CONTAINER_ID> => pauses a container.

docker unpause <CONTAINER_ID> => unpauses a container.

docker kill <CONTAINER_ID> => kills a container

docker container rm <CONTAINER_ID> => removes a dead container.

docker container rm -f $(docker ps -aq) => forcefully removes all the containers.