



## 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.