To list all the containers available on the local repo run the below command.

$docker images

To run a container from the local image run -

$ sudo docker run -d -p 80:80 --name dockerdemo nginx

$ docker ps

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
NAMES					
8b530ebfb29d	nginx	"nginx -g 'daemon ..."	22 minutes ago	Up About a minute	0.0.0.0:80->80/tcp
dockerdemo					

To stop a container from the

$ docker stop <container name > (dockerdemo in this example)

And, to start a stopped container do

*$ docker start <container name > (dockerdemo in this example)*

The above command will run the nginx container with the default latest tag and in detached mode (-d) with ports 80 of nginx container mapped to the port 80 of Host machine. The --name switch is used to name the docker container.

Once the container is launched do **$ docker ps** to list the running containers.
Open the web browser and browse to <ip-address of the host>:80

You will be able to see the nginx welcome page that is running on the

docker container.
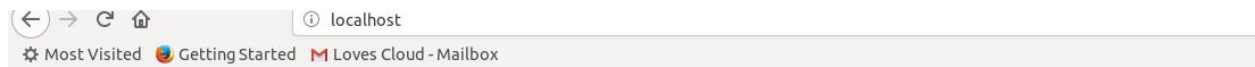
Note : Clear the cache if you are not able to see the page or if the old web page loads

Similarly you can run the docker containers for the alpine image.

$ docker run -d -p 8080:80 --name dockerdemo_alpine alpine:3.7

Here we are using tag to run the container (alpine:3.7)

Remember that the port 80 of the host is being used by the nginx container and if you try to run the apline run container on the same port, it will fail as the port is already being used by the nginx container.

To list the port that are occupied run the below command

$ netstat -tulpn