ASSIGNMENT STATEMENT 1

Making use of different commands in docker and exploring docker.

Given below are some of the features of docker, you have to get the command for these features and execute it on docker to see the output and submit the screenshots of the execution part.

1. To download the image and then listing out all the docker images on the system with image details.
2. List all the docker containers running/exited/stopped with container details.
3. Removing the docker image and docker container and then checking for the same
4. Know the difference between kill and stop docker and use both commands
5. Commit - Save a new docker image with container id mentioned in the command on the local system.
6. Access the docker container and run commands inside the container (You can access any server container)

After executing the above commands and knowing about a few other docker commands you need to run a webserver with docker using various docker commands accordingly.

For this you need to select an image, you can select image (prakhar1989/static-site) which provides a static website hosted by nginx.

Pull the image, run the image (in the background and with ports exposed), verify it is running by opening localhost: port in the browser, stop the container and then at last delete the container.