Docker Commands

1. To check all docker containers.

    Docker ps -a

2. To delete all docker containers that are stopped.

    Docker container prune

3. To check all docker images.

    Docker images

4. To create a docker container and run an image. Use the option that deletes the container when it stops executing.

    Docker run --rm image_name:tag

5. To create a docker container and open a command terminal in that container.

    Docker run -it image_name:tag

6. To start a container that was previously stopped.

    Docker start -i container_id

7. To stop a container

    docker stop container_id

8. To run a command in a running container.

    Docker exec -it container_id command

9. To build a new docker image from a container that we previously modified.

    Docker commit container_id new_image_name:tag

10. To build a new docker image using a Dockerfile.

    Docker build -t image_name:tag .

11. To rename an image.

    docker tag image_name:tag new_image_name:tag

12. To login to Docker Hub.

    Docker login --username=my_user_name

13. To upload our repository.

    Docker push new-repo:tag_name

14. To start up all the containers using docker compose.

    Docker compose up

15. To stop all the running containers without removing them.

    Docker compose stop

16. To remove all the containers using docker compose.

    Docker compose rm