Docker

Commands

1. To build an image from a Docker file

```
# Make sure you have dockerfile Saved with name Dockerfile
#just run
docker build -t testing #image name
```

2. To show the list of all running container

```
docker ps
```

3. To show the list of all the container

```
docker ps -a
```

4. To show all the images

```
docker images
```

5. To run a container with mapping the port

```
docker run -d -P testing
```

6. To assign an name to a container

```
docker run --name web01 -d -p 9080:80 nginx
""" here we are giving name to the container and mapping host
and -d is to run the container in the background
"""
```

7. To stop a container

```
docker stop web01 #web01 is container name
```

8. To delete a container

```
docker rm #container_name
docker rm web01
docker rm elastic_rhodes
```

9. To delete a image

```
docker rmi #image_id
docker rmi 66f8bdd3810c
```

Docker Compose

10. To run a docker-compose file

```
file=docker-compose.yml
docker compose up -d
```

11. To remove containers after using docker compose.

```
docker compose down
```

12. To delete any container which is not use and stored.

```
docker system prune -a
```