**Docker Container:**

1. **Docker run hello-world**: test the docker install by running hello world.
2. **Docker version**: to check client and server version
3. Docker container ls: to check container is running.
4. Docker container ls -a: to check all the container including container which is in stop state.
5. Docker run -I alpine: to run alpine(light weight Linux)
6. **Docker run= docker create+ docker start**
7. docker ps: to see all the container which is in running state
8. docker ps –all: including stop state
9. docker create hello-word: we will get **container ID** here
10. docker start **container ID**
11. docker start -a ID: attach to container and show the command in terminal
12. docker log ID: to check logs
13. docker stop ID: to stop running container
14. docker restart: to restart container
15. docker kill ID: to kill forcefully
16. docker exec -I -t ID sh: to see inside the container and open it in shell command, - i= to go inside, -t = formatting
17. docker cp <source><container>: <destination>
18. docker cp <container>:<source><destination>
19. docker rm container name
20. docker container prune: remove all the stopped container
21. docker rename old name newname: to rename container
22. **docker stats:** give CPU information for all running container
23. **To come out of any command we use control+c**
24. **Docker inspect container-name**: to check ip addess
25. **Docker inspect cont name | grep ip address** : to search only ip address
26. **Curl ip address: To check the webserver**
27. **Docker commit <container><name>:** create a container image
28. **Docker run -**p <host port>: <container port><container>