Docker Top Interview Questions

1	What is Docker?
2	What is virtualization?
3	What is Hypervisor?
4	Can You Tell the Difference Between CMD and ENTRYPOINT?
5	Explain the concept of docker networking and discuss various network drivers available in docker
6	What is containerization?
7	Difference between virtualization and containerization
8	What are Docker Images?
9	What is a Docker Container?
10	What is Docker Hub?
11	Explain Docker Architecture?
12	What is a Dockerfile? Explain the Docker Components
13	Tell us something about Docker Compose. Docker Volume
14	What is Docker Swarm?
15	What is a Docker Namespace?
16	What is the lifecycle of a Docker Container?
17	How do you create a docker container from an image?
18	How do you get the number of containers running, paused and stopped?
19	How Do You Share Data Between Containers in Docker?
20	How Do You Perform a Live Migration of Docker Containers Between Hosts?
21	What are the basic requirements for the docker to run on any system?
22	Suppose You Have 3 Containers Running, and Out of These, You Wish to Access One of Them. How Do You Access a Running Container?
23	Which Is the Preferred Method for Removing a Container: Using the "docker stop" Command Followed By the "docker rm" Command, or Simply Using the "docker rm" Command By Itself?
24	How Do You Debug Issues in a Docker Container?
25	How Do You Create a Multi-stage Build in Docker?
26	What is the default Docker network driver, and how can you change it when running a Docker image?
27	What is container orchestration and why should we use it?
28	What are a Docker container's possible states, and what do they mean?
29	How many Docker components are there?
30	Can you differentiate between Daemon Logging and Container Logging?
31	Can you tell the differences between a docker Image and Layer?
32	What is the best way of deleting a container?

33	Differentiate between COPY and ADD commands that are used in a Dockerfile?
34	Can a container restart by itself?
35	Can we use JSON instead of YAML while developing docker-compose file in Docker?
36	How to use docker for multiple application environments?
37	How will you ensure that a container 1 runs before container 2 while using docker compose?
38	What changes are expected in your docker compose file while moving it to production?
39	Have you used Kubernetes? If you have, which one would you prefer amongst Docker and Kubernetes?
40	What is the purpose of the volume parameter in a docker run command?
41	What is Host port and container port?
42	What command should be run to view all the running docker containers?
43	What is Docker Daemon?
44	How to push images to Docker Hub?
45	How do you scale your docker containers?
46	How do you achieve load balancing through Docker Swarm?
47	How do you troubleshoot issues with docker containers?
48	What are the differences between docker run and docker create?
49	Can you remove paused container from docker?
50	How do you optimize docker images for size and performance?