

Day 20 Task : Docker commands Cheat-Sheet:

Docker commands:

- **To builds an image from a Dockerfile.**
 - `docker build -t <image_name> .`
- **Runs a command in a new container.**
 - `docker run -d --name <container-name> -p 80:80 <image-name>`
- **Starts one or more stopped containers.**
 - `docker start <container-name>`
- **Stops one or more running containers.**
 - `docker stop <container-name>`
- **Pulls an image or a repository from a registry.**
 - `docker pull <image-name:tag>`
- **Pushes an image or a repository to a registry.**
 - `docker push <image-name:tag>`
- **Runs a command in a running container and go inside a container.**
 - `docker exec -it <container-name or ID> bash`
- **Removes one or more containers.**
 - `docker rm <container-name or ID>`
- **Removes one or more images.**
 - `docker rmi <image-name>`
- **Lists all the images on the local system.**
 - `docker images`
- **Lists all running containers.**
 - `docker ps`
- **Fetches the logs of a container.**

- docker logs <container-name or ID>
- **Returns low-level information on a container or image.**
- docker inspect <container-name or ID>

Docker Volume:

- **Create a volume.**
- docker volume create <volume-name>
- **List volumes.**
- docker volume ls
- **Display detailed information on one or more volumes.**
- docker volume inspect <volume-name>
- **Remove one or more volumes.**
- docker volume rm <volume-name>
- **Remove all unused volumes.**
- docker volume prune

Docker Compose:

- **Create and start containers.**
- docker-compose up
- **List containers.**
- docker-compose ps
- **Stop and remove containers, networks, images, and volumes.**
- docker-compose down
- **Show logs.**
- docker-compose logs <service>

Happy Learning 😊