

# PART-1

March 4, 2024

1:30 PM

- docker --help
- docker ps -a
- Docker ps
- docker run hello-world
- Docker pull busybox
- docker run busybox echo "hello there"
- Docker run -it busybox sh
- Docker rm "id"
- docker rm \$(docker ps -a -q -f status=exited)
- Docker images
- docker rmi "image id"

## □ How to stop and start docker container:

- docker run nginx
- Docker ps -a
- docker run --name website -d -p 8080:80 nginx:latest
- docker rm -f website
- docker stop container\_id [or container name]
- Docker start container\_d [or container name]


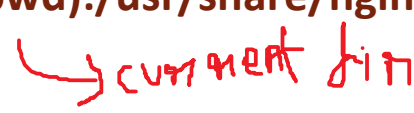
## □ Open wsl from cmd:

- wsl ~
- wsl --shutdown // shutdown running wsl
- wsl --list --verbose // check the state of wsl
- Cd ~ // home directory

## □ Mount a volume to nginx container:

- Means container (virtual machine) e je change hobe , oyta

1.2

- Means container (virtual machine) e je change hobe , oyta locally store korar jonno , container er file and local file ke connect kora 
- docker run --name site -v \$(pwd):/usr/share/nginx/html:ro -d -p 8080:80 nginx:latest 
- create html file in the current directory. then in localhost:8080 it will be shown
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- docker exec -it site bash // go to VM file
- Cd usr
- Cd share
- Cd nginx
- Cd html
- Here we can find the our created html file that is only read only mode

## □ Sharing volume between container:

- docker run --name website-2 --volumes-from site -d -p 81:80 nginx:latest