Docker:-

Windows → Linux
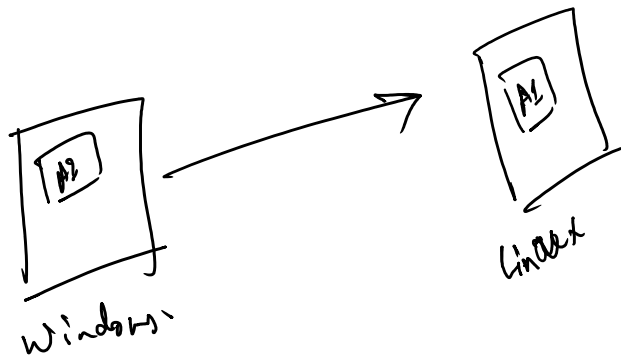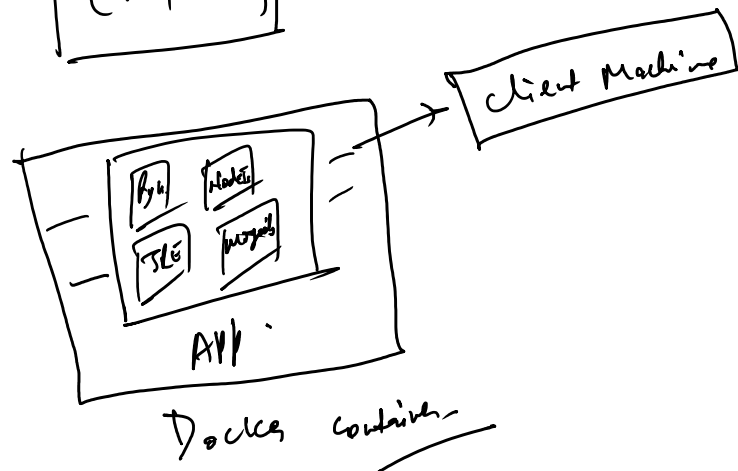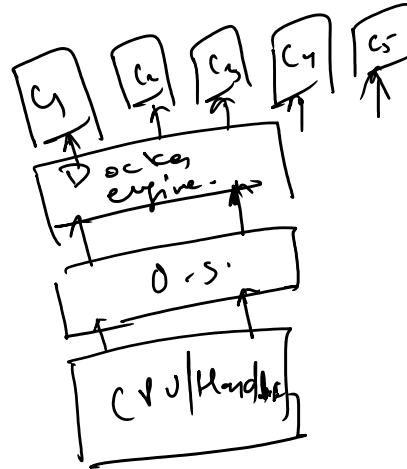
Docker is a lightweight Containerization tool.
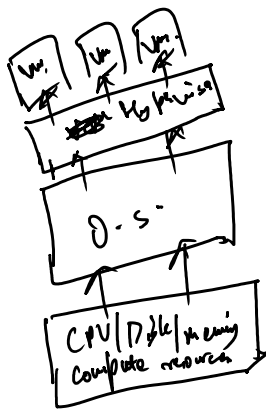
Docker Container

Docker.

① gcp instance .
② Docker.

Docker Architecture

① Docker engine →
② Docker Daemon → Dockerd - it merges the containers
   → Containerd (uolog).
      └→ Tool → make image/ container.
   → Command line Interface
③ Docker CLI → Connect API with Docker engine.

② Docker Xachine → Comm...
③ Docker CLI → Connect API with
④ Docker client → Connect API with

Docker Hub.

docker Build

↕ pull

[d run]

client

Docker Daemon.

Docker Container

Image

ubuntu
window
mysql
NGINX.

Registry.

Docker
Host

Image →

Instruction to built Image.

Docker file.

Image
(Blue-print.
where it what
what I need to
run)

Container
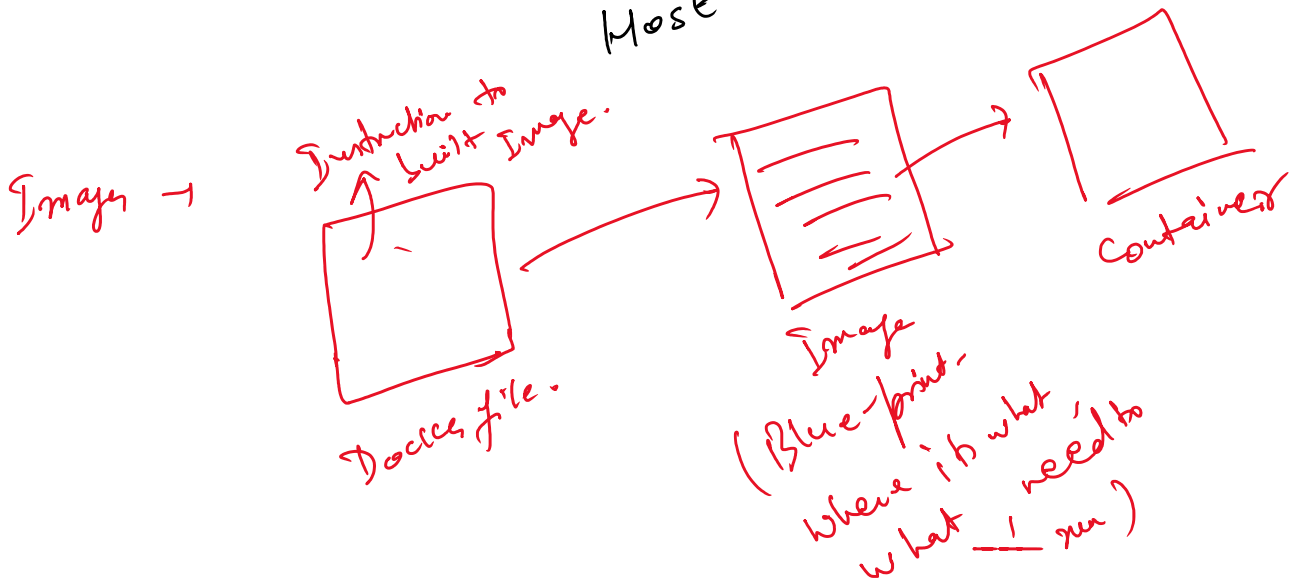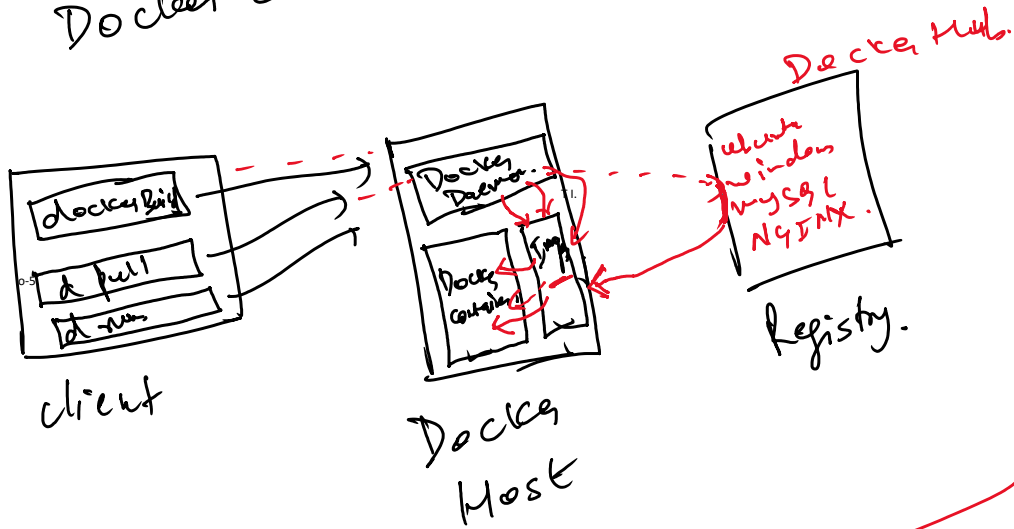
docker pull mysql
└─ image name
└─ Latest version

docker pull mysql:7.0
└─ Image └─ Tag └→version

└→ Version 7.0 mysql

docker image → list of images.
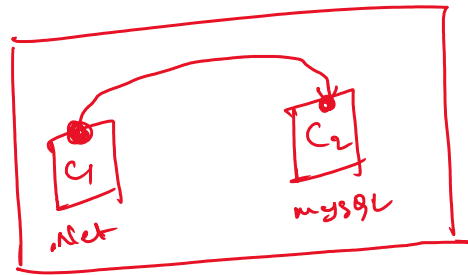
N/W

1. Docker file.

2. Docker file to Docker image

3. Docker Network

4. Docker Storage.

5. Docker Register.

1. Docker file:-