**Day 36:**

Creating image to run the database

docker run -d -p 9191:8080 akashkale/my-spring-boot: cgi1.0.0

docker ps

<http://localhost:9191>

running mysql image using docker

docker run -d -p 3307:3306 -e MYSQL\_ROOT\_PASSWORD=root --name=mysql\_container mysql:8

docker ps

connect to mysql container os machine

docker exec -it mysql\_container bash

it will connect mysql container os

to connect mysql database we need to run the command

mysql -u root -p

password : root

Spring boot MySQL

User defined image pre definedimage

Container container

OS OS

Network

Base OS Window

Docker compose : it is a tool kit which help to run more than one containers. Docker compose take the help of docker-compose.yml file which contains all configuration details to run more than one container and their dependencies.

All container must be running in same machine.

Docker swarm

Kubernetes

Open shift

Etc : these all technologies are help to manage more than one container.

Container management tool (orchestration tools).

docker-compose --version