**Docker Container.**

\*\*\*\*\*How to run mysql image. / working with mysql.

docker run --name test1 -p 3306:3306 -e MYSQL\_ROOT\_PASSWORD=admin -d mysql

docker exec -it test1 mysql -uroot -padmin

docker start test1 🡪 start cantainer

docker stop test1 ->stop container

How to display container list

Docker container ls -> show all running container

Docker container ls -a -> show all running and stop container

How to display images

Docker images -> show images local system.

**Creating docker image using spring boot maven plugin**

**Need to add some configuration in POM.**

<build>

<plugins>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

**<configuration>**

**<image>**

**<name>deepakarya0155/t2-dockermysqlexample:0.0.1-SNAPSHOT</name>**

**</image>**

**<pullPolicy>IF\_NOT\_PRESENT</pullPolicy>**

**</configuration>**

</plugin>

</plugins>

</build>

Maven command to generate build :

mvn spring-boot:build-image -DskipTests

**Docker componse :**

Step 1. Create docker-compose.yaml file.



Step 2. Open power shall and cd where you dockercompos.yaml file present

$ docker-compose up

### How to mount a point to docker container with read & write.

In YAML file under service

