**Publish the image to Docker hub account**

docker login

**docker push dockerhubaccountid/imageName**

**before push create the tag**

**docker tag imageName dockerhubid/imageName:version**

docker run -d -p 81:80 akashkale/my-reactjs:pro1

**spring boot container**

**VM OS**

**localhost**

**Base machine OS**

**mysql**

mysql image container running using below command

**docker run --name=mysql\_container -d -p 3307:3306 -e MYSQL\_ROOT\_PASSWORD=root mysql:8.0**

**after run now we need to connect mysql os terminal**

**docker exec -it mysql\_container bash**

**then connect mysql using below command**

**mysql -u root -p**

**password :**

**Docker compose : Docker compose is a toolkit which help to run more than one containers. In Docker compose we use docker-compose.yml file. Inside this file we provide all image details.**

**docker-compose up to run all containers**

**openjdk:17 image mysql : 8.x pre defined image**

**Spring boot application My SQL Image**

**Build the project**

**Dockerfile**

**Spring\_Boot\_Container MySQL\_Container**

**VM OS VM OS**

**We need to create the network and both the image part of same network. Then both image can share the data through network environment.**

**Base OS**

**Window**

**MySQL local**

**We need to provide MySQL Cloud information in application.properrites**