

#creating a sample dockerfile from mysql base image

FROM mysql:8.0

MAINTAINER vaishnavi

LABEL version="1.0"

ENV MYSQL_ROOT_PASSWORD=rootpass

ENV MYSQL_DATABASE=mydb

ENV MYSQL_USER=myuser

ENV MYSQL_PASSWORD=mypassword

EXPOSE 3306

CMD ["mysqld"]

#commands to build a image

docker build -f dockerfile -t mydbimg .

#commands to create container from image

docker run -d --name mysqlcontainer -p 3306:3306 mydbimg

docker container ls

docker exec -it mysqlcontainer bash

mysql -u root -p

enter pass: