Creating a Docker image to run the simple message.

Dockerfile

FROM busybox

CMD ["echo","Welcome to Simple Docker Example"]

docker build -t my-busybox-batch7 . -f Dockerfile

after created image verify the images

then

run the image using command as

Docker run imageName/imageId

Creating image to run the Java program

App.java

public class App {

public static void main(String args[]){

System.out.println("Welcome to Simple Java Programming running through Docker");

}

}

**Dockerfile**

FROM openjdk:8

COPY App.java .

RUN javac App.java

CMD ["java","App"]

Creating image to run the Spring boot application

First create the spring boot application

Then write the code in side project base upon our requirement

Then create the jar file for the spring boot project (open the command in the location where pom.xml file present and then run the command as mvn package)

Dockerfile

FROM openjdk:8

COPY ./target/SpringBootWithDocker.jar .

CMD ["java","-jar","SpringBootWithDocker.jar"]

docker build -t my-spring-batch7 . -f Dockerfile