**Cteate docker image from Dockerfile:**

1. **Add**

<build>

….

|  |
| --- |
| <finalName>springboot.multi-threading</finalName> |
|  | </build> |

**to pom.xml and run application as Maven project.**

1. **Write Dockerfile.txt:**

FROM openjdk:8 –>type of application  
  
ADD target/springboot.multi-threading.jar springboot.multi-threading.jar –>type of an image  
  
EXPOSE 9090 –>runs the image on port  
  
ENTRYPOINT ["java", "-jar", "/springboot.multi-threading.jar"] -> commands to execute the app

1. **Creating an image**:

$docker build –f Dockerfile –t springboot.multi-threading .

-t is a tag name

List all images on docker:

$docker images

1. **Creating container from image and run app(Spring Boot jar) in Docker Engine:**

$docker run –p 9090:9090 springboot.multi-threading

List all containers:

$docker ps –a

! Rebuild an image when we have made changes to project. Execute the same command for building.