

Module 8: Dockerizing Springboot Application

edureka!

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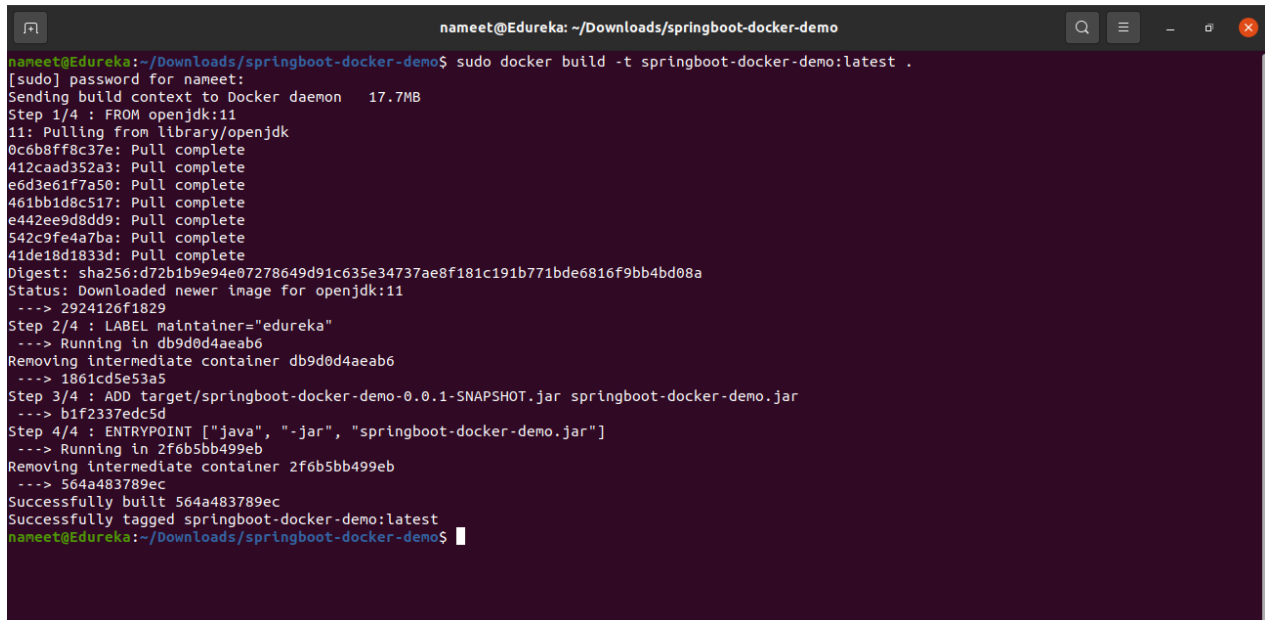
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Demo 1: Dockerizing Springboot Application

1. Make sure your **Dockerfile** is present in the folder of application and run the application

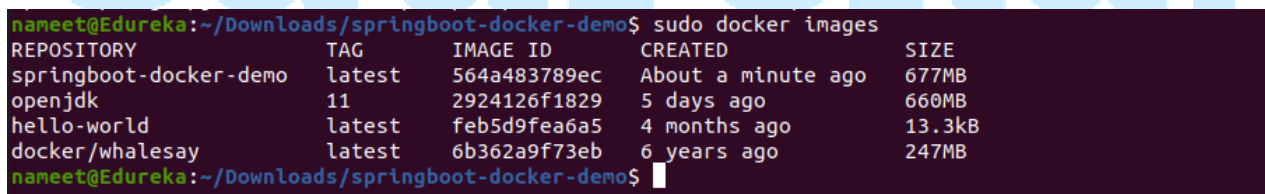
Open Terminal inside the application folder type:

Cmd: `sudo docker build -t springboot-docker-demo:latest .`



```
nameet@Edureka: ~/Downloads/springboot-docker-demo
nameet@Edureka:~/Downloads/springboot-docker-demo$ sudo docker build -t springboot-docker-demo:latest .
[sudo] password for nameet:
Sending build context to Docker daemon  17.7MB
Step 1/4 : FROM openjdk:11
11: Pulling from library/openjdk
0c6b8ff8c37e: Pull complete
412caad352a3: Pull complete
e6d3e61f7a50: Pull complete
461bb1d8c517: Pull complete
e442ee9d8dd9: Pull complete
542c9fe4a7ba: Pull complete
41de18d1833d: Pull complete
Digest: sha256:d72b1b9e94e07278649d91c635e34737ae8f181c191b771bde6816f9bb4bd08a
Status: Downloaded newer image for openjdk:11
--> 2924126f1829
Step 2/4 : LABEL maintainer="edureka"
--> Running in db9d0d4aeab6
Removing intermediate container db9d0d4aeab6
--> 1861cd5e53a5
Step 3/4 : ADD target/springboot-docker-demo-0.0.1-SNAPSHOT.jar springboot-docker-demo.jar
--> b1f2337edc5d
Step 4/4 : ENTRYPOINT ["java", "-jar", "springboot-docker-demo.jar"]
--> Running in 2f6b5bb499eb
Removing intermediate container 2f6b5bb499eb
--> 564a483789ec
Successfully built 564a483789ec
Successfully tagged springboot-docker-demo:latest
nameet@Edureka:~/Downloads/springboot-docker-demo$
```

2. View all images



```
nameet@Edureka:~/Downloads/springboot-docker-demo$ sudo docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
springboot-docker-demo  latest             564a483789ec       About a minute ago  677MB
openjdk              11                 2924126f1829       5 days ago         660MB
hello-world          latest             feb5d9fea6a5       4 months ago       13.3kB
docker/whalesay       latest             6b362a9f73eb       6 years ago        247MB
nameet@Edureka:~/Downloads/springboot-docker-demo$
```

3. If his cmd doesn't work :

`sudo docker -t build 8080:8081 springboot-docker-demo`

or

`sudo docker -d -t build 8080:8081 springboot-docker-demo`

Module 8 – Dockerizing Springboot Application

[illegible]