5.3 Web Hosting

git clone https://github.com/Anuj1990/SpringBootDocker.git

Is -lart

```
root@ip-172-31-86-69:~# git clone https://github.com/Anuj1990/SpringBootDocker.git
Cloning into 'SpringBootDocker'...
remote: Enumerating objects: 52, done.
remote: Counting objects: 100% (52/52), done.
remote: Compressing objects: 100% (31/31), done.
remote: Total 52 (delta 4), reused 52 (delta 4), pack-reused 0
Unpacking objects: 100% (52/52), done.
root@ip-172-31-86-69:~# cd SpringBootDocker/
root@ip-172-31-86-69:~/SpringBootDocker# is -alrt
total 24
drwx----- 7 root root 4096 Jul 25 02:33 ..
drwxr-xr-x 4 root root 4096 Jul 25 02:33 src
-rw-r--r- 1 root root 2601 Jul 25 02:33 pom.xml
-rw-r--r- 1 root root 207 Jul 25 02:33 .git
drwxr-xr-x 8 root root 4096 Jul 25 02:33 .
root@ip-172-31-86-69:~/SpringBootDocker#
```

mvn clean install

docker build -t springbootapp

```
oot@ip-172-31-86-69:~/SpringBootDocker# docker build -t springbootapp .
Sending build context to Docker daemon 30.99MB
Step 1/5 : FROM java:8-jdk-alpine
 ---> 3fd9dd82815c
Step 2/5 : COPY ./target/demo-docker-0.0.1-SNAPSHOT.jar /usr/app/
 ---> 03af141fea64
Step 3/5 : WORKDIR /usr/app
 ---> Running in c5873bb5c094
Removing intermediate container c5873bb5c094
 ---> c7628e48b550
Step 4/5 : RUN sh -c 'touch demo-docker-0.0.1-SNAPSHOT.jar'
   -> Running in 090cab39bled
Removing intermediate container 090cab39b1ed
 ---> 80f5bfb8c92e
Step 5/5 : ENTRYPOINT ["java","-jar","demo-docker-0.0.1-SNAPSHOT.jar"]
 ---> Running in e3d6aaa482cc
Removing intermediate container e3d6aaa482cc ---> 5a26279c1de0
Successfully built 5a26279c1de0
Successfully tagged springbootapp:latest
root@ip-172-31-86-69:~/SpringBootDocker# docker images
                                         IMAGE ID
REPOSITORY
                                                             CREATED
springbootapp
                                         5a26279c1de0
                                                              4 seconds ago
                    8-jdk-alpine
                                         3fd9dd82815c
root@ip-172-31-86-69:~/SpringBootDocker#
```

docker images

docker tag springbootapp anujsharma1990/springboot

docker push anujsharma1990/springboot

```
root@ip-172-31-86-69:~‡ docker images

REPOSITORY TAG IMAGE ID CREATED SIZE springbootapp latest 5a26279c1de0 6 days ago 177MB java 8-jdk-alpine 3fd9dd82815c 2 years ago 145MB root@ip-172-31-86-69:~‡ docker tag springbootapp anujsharma1990/springboot root@ip-172-31-86-69:~‡ docker push anujsharma1990/springboot

The push refers to repository [docker.io/anujsharma1990/springboot]
3b9dfb836448: Pushed e817cce62ea5: Fushed ale7033f082e: Mounted from library/java 78075328e0da: Mounted from library/java 9f8566ee5135: Mounted from library/java latest: digest: sha256:6705b88d681e987bb8ef39339b75421feca65675b128b90a36a3d8dfe51a93c8 size: 1371 root@ip-172-31-86-69:~‡
```

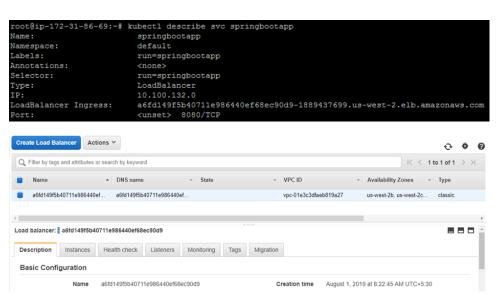
export PATH=\$HOME/bin:\$PATH

kubectl get node

```
root@ip-172-31-86-69:~# export PATH=$HOME/bin:$PATH
root@ip-172-31-86-69:~# kubectl get node
NAME
STATUS ROLES AGE VERSION
ip-192-168-23-105.us-west-2.compute.internal Ready <none> 10m v1.13.7-eks-c57ff8
root@ip-172-31-86-69:~#
```

kubectl run springbootapp--image=anujsharma1990/springboot --port=8080

kubectl expose deployment/springbootapp --port=8080 --target-port=8080 -- type=LoadBalancer



curl -w "\n" a6fd149f5b40711e986440ef68ec90d9-1889437699.us-west-2.elb.amazonaws.com:8080/greet/EKSSpringboot

root@ip-172-31-86-69:-# curl -w "\n" a6fd149f5b40711e986440ef68ec90d9-1889437699.us-west-2.elb.amazonaws.com:8080/greet/EKSSpringboot Hi!! EKSSpringboot root@ip-172-31-86-69:-#