Jenkins script

```
pipeline {
agent any

   triggers {
pollSCM('* * * * *')     }
   // Got permission denied while trying to connect to the Docker daemon socket at unix.
   // sudo usermod -a -G docker jenkins
   // restart jenkins server ->  sudo service jenkins restart
stages {

     stage('Maven Compile') {
steps {
          echo '---------------- This is a compile phase ----------'
sh 'mvn clean compile'
        }
     }


      stage('Maven Test') {
steps {
          echo '---------------- This is a Test phase ----------'
sh 'mvn clean test'
        }
     }


     stage('Maven Build') {
steps {
          echo '---------------- This is a build phase ----------'
sh 'mvn clean package -DskipTests'
        }
     }


     stage('Docker Build') {
steps {
          echo '---------------- This is a build docker image phase ----------'
sh '''            docker image build -t ecom-webservice .

          '''
```

```
        }
    }


    stage('Docker Deploy') {
steps {
        echo '----------------- This is a docker deploment phase ----------'
sh '''
        (if  [ $(docker ps -a | grep ecom-webservice | cut -d " " -f1) ]; then \
echo $(docker rm -f ecom-webservice); \
            echo "--------------- successfully removed ecom-webservice ---------------"
else \            echo OK; \            fi;);
    docker container run --restart always --name ecom-webservice -p 8081:8081 -d ecom-webservice
    '''
        }
    }
  }
}
```

Docker file

```
FROM openjdk:8-jdk
COPY ./target/ecom-webservice-0.0.1-SNAPSHOT.jar ecom-webservice-0.0.1SNAPSHOT.jar
CMD ["java" ,"-jar","ecom-webservice-0.0.1-SNAPSHOT.jar"]
RUN echo "jenkins ALL=(ALL) NOPASSWD: ALL" >> /etc/sudoers
```

```
#-> Create a image for springboot webservice
# -->  Dockerfile
# - -> docker image build -t <imagetagname> .
```

```
#-> run container by using custom image
# -> docker container run  --name <ecom-web-service> -p 8081:8081 -d <ecomwebservice>
#-> verify log
# -> docker container log <container-name>
```