DEVOPS TASK – 5

```
root@Ubuntu2:/home/karthyayeni# nano deployment.yaml
root@Ubuntu2:/home/karthyayeni# kubectl create -f deployment.yaml
root@Ubuntu2:/home/karthyayeni# kubectl expose deployment java-maven --port=8080 --type=NodePort
service/java-maven exposed
root@Ubuntu2:/home/karthyayeni# kubectl get services
NAME                      TYPE        CLUSTER-IP       EXTERNAL-IP    PORT(S)          AGE
java-maven                NodePort    10.110.226.189   <none>         8080:31072/TCP   13s
kubernetes                ClusterIP   10.96.0.1        <none>         443/TCP          43h
nginx-deployment          NodePort    10.104.22.54     <none>         80:32042/TCP     40h
react-ecommerce-service   NodePort    10.111.146.25    <none>         80:30007/TCP     43h
root@Ubuntu2:/home/karthyayeni#
```

ImagePullBackOff T ✕   M Inbox (1,781) - karth ✕   Dashboard [Jenkins ✕   PetClinic :: a Spring ✕   Docker Hub   ✕   +

Ctrl+K   ⑦

root@Ubuntu2: /home/karthyayeni

```
dc19d1b007ba: Layer already exists
5f70bf18a086: Layer already exists
6fbdf02a6a33: Layer already exists
49cb1bc2daeb: Layer already exists
4e5b554b7345: Layer already exists
39cf0ac89a5a: Layer already exists
f844dcf94898: Layer already exists
3359bc3d7a6a: Layer already exists
4b7c01ed0534: Layer already exists
latest: digest: sha256:acda50aa3e0c38d7e3f6f5e8dcc395ff1de7833bae226d72299d9918aa41d95
c size: 2413
root@Ubuntu2:/home/karthyayeni# kubectl get pods
NAME                            READY   STATUS    RESTARTS        AGE
java-maven-bb78b8b4c-4kgbv      1/1     Running   0               157m
java-maven-bb78b8b4c-pqt5r      1/1     Running   0               157m
java-maven-bb78b8b4c-xzw5z      1/1     Running   0               157m
nginx-deployment-5db9468-9t2zg  1/1     Running   3 (149m ago)    44h
nginx-deployment-5db9468-jsdsz  1/1     Running   3 (149m ago)    44h
nginx-deployment-5db9468-k94bp  1/1     Running   3 (149m ago)    45h
nginx-deployment-5db9468-pscfw  1/1     Running   4 (149m ago)    45h
nginx-deployment-5db9468-wln2n  1/1     Running   3 (149m ago)    45h
react-ecommerce-59947785fd-9wv9d 1/1    Running   7 (140m ago)    46h
react-ecommerce-59947785fd-txbr2 1/1    Running   6 (149m ago)    46h
root@Ubuntu2:/home/karthyayeni#
```

Visibility

Public

Public

Storage

karthyayeni/kavya   3 days ago   IMAGE   Public

1–3 of 3   ‹   ›

ImagePullBackOff | Inbox (1,781) - karth | Dashboard [Jenkins | PetClinic :: a Spring | Docker Hub

root@Ubuntu2: /home/karthyayeni

```
nginx-deployment-5db9468-jsdsz      1/1     Running   3 (149m ago)   44h
nginx-deployment-5db9468-k94bp      1/1     Running   3 (149m ago)   45h
nginx-deployment-5db9468-pscfw      1/1     Running   4 (149m ago)   45h
nginx-deployment-5db9468-wln2n      1/1     Running   3 (149m ago)   45h
react-ecommerce-59947785fd-9wv9d    1/1     Running   7 (140m ago)   46h
react-ecommerce-59947785fd-txbr2    1/1     Running   6 (149m ago)   46h
root@Ubuntu2:/home/karthyayeni# kubectl create -f deployment.yaml
Error from server (AlreadyExists): error when creating "deployment.yaml": deployments.
apps "java-maven" already exists
root@Ubuntu2:/home/karthyayeni# kubectl expose deployment java-maven --port=8080 --typ
e=NodePort
Error from server (AlreadyExists): services "java-maven" already exists
root@Ubuntu2:/home/karthyayeni# kubectl get services
NAME                    TYPE        CLUSTER-IP       EXTERNAL-IP    PORT(S)
AGE
java-maven              NodePort    10.110.226.189   <none>         8080:31072/TCP
3h41m
kubernetes              ClusterIP   10.96.0.1        <none>         443/TCP
47h
nginx-deployment        NodePort    10.104.22.54     <none>         80:32042/TCP
44h
react-ecommerce-service NodePort    10.111.146.25    <none>         80:30007/TCP
47h
root@Ubuntu2:/home/karthyayeni#
```

Visibility

Public

Public

Storage   karthyayeni/kavya   3 days ago   IMAGE   Public

1–3 of 3

ImagePullBack | Inbox (1,785) - | Dashboard [Jen | PetClinic :: a Sp | Docker Hub | PetClinic :: a Sp

192.168.49.2:31072

qcewcwedcdwcdw

spring   HOME   FIND OWNERS   VETERINARIANS   ERROR

???welcome Aranganathan 79998wdd???

spring *by Pivotal*

```
1b359cf]

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
root@Ubuntu2:/home/karthyayeni/terraform# ls
local.tf  pets.txt  terraform.tfstate
root@Ubuntu2:/home/karthyayeni/terraform#
```

Check Terraform Version × M (no subject) - karthyayeni × spring-framework-petclin × Java #6 Console [Jenkins × +

localhost:8080/job/Java/6/console   110%

Jenkins

Karthyayeni ∨   log out

board > Java > #6

Status

Changes

Console Output

Edit Build Information

Delete build '#6'

Timings

Git Build Data

Pipeline Overview

Pipeline Console

Restart from Stage

Replay

Pipeline Steps

✓ Console Output

Download   Copy   View as plain text

Skipping 98 KB.. **Full Log**

```
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/
plexus/15/plexus-15.pom
Progress (1): 4.1/28 kB
Progress (1): 8.2/28 kB
Progress (1): 12/28 kB
Progress (1): 16/28 kB
Progress (1): 20/28 kB
Progress (1): 25/28 kB
Progress (1): 28 kB

Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/
plexus/15/plexus-15.pom (28 kB at 206 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/
maven-surefire-common/3.2.3/maven-surefire-common-3.2.3.jar
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/
surefire-api/3.2.3/surefire-api-3.2.3.jar
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/
```

ImagePullBackOff Troubl × M (no subject) - karthyayeni × Devops-Tools-Setup/prom × Docker Hub × +

https://hub.docker.com/repositories/karthyayeni

✨ New   **Introducing our new CEO Don Johnson - Read More →**   ×

🐳 docker hub   Explore   **My Hub**   Search Docker Hub   Ctrl+K   ? 🔔 🌙 ▦   K

karthyayeni
Docker Personal   ∨

⚙ Repositories

⚙ Settings   ∨

   Default privacy

   Notifications

▭ Billing

🏛 Usage   ∨

   Pulls

   Storage

Repositories

All repositories within the **karthyayeni** namespace.

Search by repository name   All content   ∨   Create a repository

Name	Last Pushed ↑	Contains	Visibility	Scout
karthyayeni/java-maven	about 1 hour ago	IMAGE	Public	Inactive
karthyayeni/ecommerce	2 days ago	IMAGE	Public	Inactive
karthyayeni/kavya	3 days ago	IMAGE	Public	Inactive

1–3 of 3   ‹ ›