**Deploying Your Application In Openshift Using YAML File**

1. **Create a Deployment YAML (**deployment.yml**):**

apiVersion: apps/v1

kind: Deployment

metadata:

name: myapp-deployment

spec:

replicas: 3

selector:

matchLabels:

app: myapp

template:

metadata:

labels:

app: myapp

spec:

containers:

- name: myapp-container

image: caroline/myapp

ports:

- containerPort: 5000

1. **Create a Service YAML** (service.yml):

apiVersion: v1

kind: Service

metadata:

name: myapp-service

spec:

selector:

app: myapp

ports:

- protocol: TCP

port: 80

targetPort: 80

type: NodePort