Tasks To Be Performed:

1. Use the previous deployment
2. Create a service of type NodePort for NGINX deployment
3. Check the NodePort service on a browser to verify

1. Use the previous deployment

```
EKS $kubectl create deployment nginx --image=nginx --replicas=3
deployment.apps/nginx created
EKS $kubectl expose deployment nginx --type=LoadBalancer --port=80
service/nginx exposed
EKS $kubectl get deployment nginx
NAME    READY   UP-TO-DATE   AVAILABLE   AGE
nginx   3/3     3            3           82s
EKS $
```

2. Create a service of type NodePort for NGINX deployment

```
kind: Service
metadata:
  name: nginx-nodeport-service
spec:
  type: NodePort
  selector:
    app: nginx
  ports:
    - port: 80
      targetPort: 80
      nodePort: 30080
```

```
EKS $kubectl get deployments
NAME    READY   UP-TO-DATE   AVAILABLE   AGE
nginx   3/3     3            3           5m46s
EKS $vi nginx-nodeport.yaml
EKS $kubectl apply -f nginx-nodeport.yaml
service/nginx-nodeport-service created
EKS $kubectl get svc
NAME                    TYPE           CLUSTER-IP       EXTERNAL-IP                                                              PORT(S)        AGE
kubernetes              ClusterIP      10.100.0.1       <none>                                                                   443/TCP        29m
nginx                   LoadBalancer   10.100.20.13     af788c154bf1448d29284dbcc9f7581b-1109873422.ap-south-1.elb.amazonaws.com   80:30194/TCP   7m58s
nginx-nodeport-service  NodePort       10.100.253.161   <none>                                                                   80:30080/TCP   13s
EKS $
```

3. Check the NodePort service on a browser to verify