Working with LoadBalancer Service

Create A deployment from following configuration.

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: nginx-deployment
  labels:
    app: nginx
spec:
  replicas: 1
  selector:
    matchLabels:
      app: nginx
  template:
    metadata:
      labels:
        app: nginx
    spec:
      containers:
      - name: nginx-ctr
        image: nginx:1.15.4
        ports:
        - containerPort: 80
```

Deploy above Deployment.

Create configuration file in AWS ELB :

```
ls/tmp/config/tmp/config
export KUBECONFIG=/tmp/config
```

kubectl deploy deploy.yaml

Create following yaml for Load Balancer to create service to above Deployment - loadbalancer.yaml

```
apiVersion: v1
kind: Service
metadata:
  name: nginx-lb
  labels:
    app: nginx
spec:
  type: LoadBalancer
  ports:
  - port: 80
    targetPort: 80
    protocol: TCP
  selector:
    app: nginx
```

kubectl apply -f loadbalancer.yaml

kubectl get svc loadbalancer.yaml

NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE

nginx-lb LoadBalancer 100.65.24.180 a062d9f78c47511e881d002820176578-1454043559.us-west-2.elb.amazonaws.com 80:31765/TCP 48s