

MANIFEST FILES FOR BANK APP

#deployment.yml

apiVersion: apps/v1

kind: Deployment

metadata:

name: nginx-deployment

labels:

app: nginx

spec:

replicas: 2

selector:

matchLabels:

app: nginx

template:

metadata:

labels:

app: nginx

spec:

containers:

- name: mysqlldb

image: shaikmustafa/bankapp:app

ports:

- containerPort: 80

env:

- name: DB_HOST

value: mysqldb

#service.yml

apiVersion: v1

kind: Service

metadata:

name: my-service

spec:

type: NodePort

selector:

app: nginx

ports:

- protocol: TCP

port: 80

targetPort: 80

#statefulset.yml

apiVersion: apps/v1

kind: StatefulSet

metadata:

name: mysql

spec:

serviceName: "mysql"

replicas: 1

selector:

matchLabels:

app: app-database

template:

metadata:

labels:

app: app-database

spec:

containers:

- name: nginx

image: shaikmustafa/bankapp:db

ports:

- containerPort: 80

name: web

volumeMounts:

- name: www

mountPath: /usr/share/nginx/html

volumeClaimTemplates:

- metadata:

name: www

spec:

accessModes: ["ReadWriteOnce"]

resources:

requests:

storage: 1Gi

apiVersion: v1

kind: Service

metadata:

name: mysqldb

spec:

clusterIP: None

selector:

app: app-database

ports:

- port: 3306

targetPort: 3306