Deploymnet of App in IBM Cloud
Containerize of App

Date	08 November 2022
Team ID	PNT2022TMID21428
Project Name	Inventory Managment System For Retailers

Code
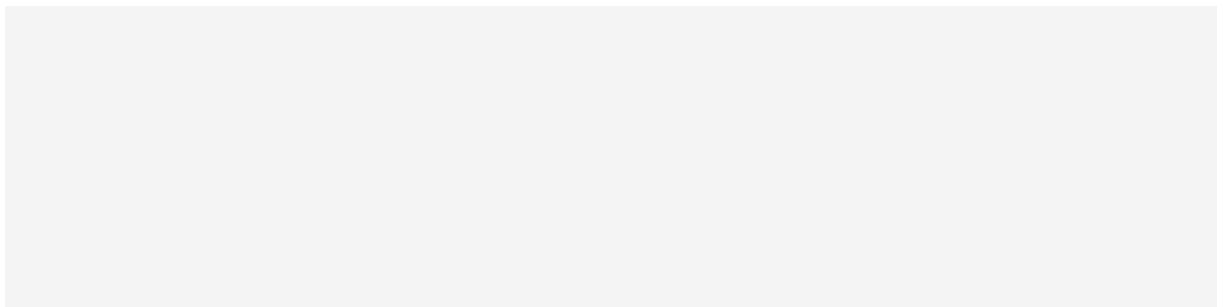
```yaml
11        replicas: 2
12      strategy:
13        type: RollingUpdate
14        rollingUpdate:
15          maxSurge: 1
16          maxUnavailable: 0
17      template:
18        metadata:
19          labels:
20            app: example-app
21        spec:
22          containers:
23          - name: example-app
24            image: aimvector/python:1.0.0
25            imagePullPolicy: Always
26            ports:
27            - containerPort: 5000
28            resources:
29              requests:
30                memory: "64Mi"
31                cpu: "50m"
32              limits:
33                memory: "256Mi"
```

```
25            imagePullPolicy: Always
26            ports:
27            - containerPort: 5000
28            resources:
29              requests:
30                memory: "64Mi"
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**

```
PS C:\git\python> kubectl apply -f .\kubernetes\deployments\deployment.yaml
deployment.apps/example-deploy created
PS C:\git\python> kubectl get deploy
NAME            READY   UP-TO-DATE   AVAILABLE   AGE
example-deploy  2/2     2            2           10s
PS C:\git\python> kubectl get pods
NAME                              READY   STATUS    RESTARTS   AGE
example-deploy-d566cf9bc-nzlqk    1/1     Running   0          29s
example-deploy-d566cf9bc-wmph8    1/1     Running   0          29s
PS C:\git\python>
```