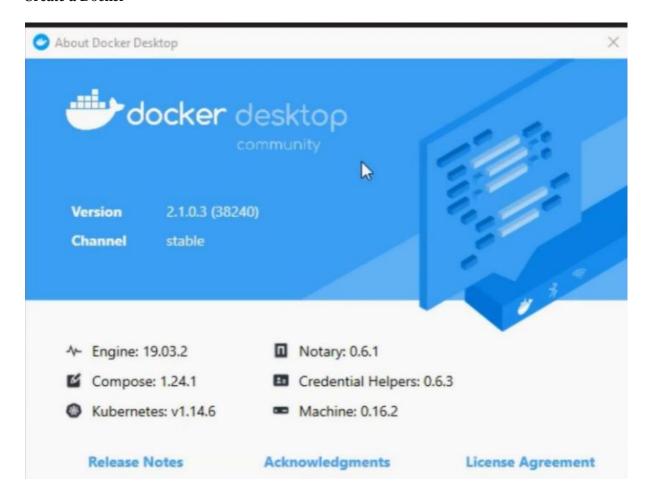
Deploymnet of App in IBM Cloud Containerize of App

Date	08 November 2022
Team ID	PNT2022TMID02555
Project Name	Inventory Managment System For Retailers

Create a Docker



Code

FROM python:2.7 LABEL maintainer="Kunal Malhotra, kunal.malhotra1@ibm.com"

RUN apt-get update RUN mkdir /app

WORKDIR /app

COPY . /app

RUN pip install -r requirements.txt

EXPOSE 5000

ENTRYPOINT ["python"]

CMD ["app.py"]

```
replicas: 2
strategy:
  type: RollingUpdate
 rollingUpdate:
   maxSurge: 1
   maxUnavailable: 0
 template:
   metadata:
      labels:
        app: example-app
   spec:
      containers:
      - name: example-app
        image: aimvector/python:1.0.0
        imagePullPolicy: Always
        ports:
        - containerPort: 5000
     resources:
        requests:
          memory: "64Mi"
          cpu: "50m"
         memory: "256Mi"
```

```
imagePullPolicy: Always
               - containerPort: 5000
               resources:
                   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
                                                  105
PS C:\git\python> kubectl get pods
                                 READY
                                         STATUS
                                                   RESTARTS
                                                              AGE
                                         Running
example-deploy-d566cf9bc-nzlqk
                                                              295
                                1/1
                                                  8
example-deploy-d566cf9bc-wmph8
                                1/1
                                         Running
                                                              295
PS C:\git\python>
```