1 In cmd pip install flask2 Folder : docker App.py filefrom flask import Flask, jsonifyapp = Flask(\_\_name\_\_)@app.route('/')def home():    return jsonify({"message": "Welcome to the Flask API!"})@app.route('/hello/<name>')def hello(name):    return jsonify({"message": f"Hello, {name}!"})if \_\_name\_\_ == '\_\_main\_\_':    app.run(host='0.0.0.0', port=5000)Docker file in same folder # Use an official Python runtime as the base imageFROM python:3.9-slim# Set the working directoryWORKDIR /app# Copy the application files to the containerCOPY . /app# Install the dependenciesRUN pip install flask# Expose the port Flask runs onEXPOSE 5000# Command to run the applicationCMD ["python", "app.py"]3 in docker folder cmd -  docker build -t <your-dockerhub-username>/flask-api:latest .-   docker login-   docker push <your-dockerhub-username>/flask-api:latest4 in new folder kubernetes Deployment.yamlapiVersion: apps/v1kind: Deploymentmetadata:  name: flask-api-deploymentspec:  replicas: 2  selector:    matchLabels:      app: flask-api  template:    metadata:      labels:        app: flask-api    spec:      containers:      - name: flask-api        image: <your-dockerhub-username>/flask-api:latest        ports:        - containerPort: 5000Service.yamlapiVersion: v1kind: Servicemetadata:  name: flask-api-servicespec:  selector:    app: flask-api  type: NodePort  ports:    - protocol: TCP      port: 5000      targetPort: 5000      nodePort: 30007  In this kubernetes folders cmd -  kubectl apply -f deployment.yaml- kubectl apply -f service.yaml- kubectl get pods- kubectl get servicesOpen browser and http://nodeip:nodeport