Deployment Readme

To deploy these manifests using Minikube, follow these steps:

1. Start Minikube:
   minikube start
2. Apply the server and client deployment manifests:
   kubectl apply -f server-deployment.yaml kubectl apply -f client-deployment.yaml
3. Verify the deployments:
   kubectl get deployments
   The output should show both the server and client deployments.
4. Expose the server deployment as a service:
   kubectl expose deployment server-deployment --type=NodePort --port=9000
5. Get the NodePort assigned to the server service:
   kubectl get service server-deployment
   Make a note of the **<NodePort>** value for accessing the server.
6. Access the server from the client:
   minikube ip
   Note down the **<minikube_ip>**.
7. Run the client container:
   kubectl run client-pod --image=<client_image>:<tag> --restart=Never --rm -it --
   /bin/bash
8. Inside the client container, you can now access the server using the **<minikube_ip>** and
   <NodePort>:
   curl <minikube_ip>:<NodePort>