**Commands Executed in This Section**

**Here are some of the commands we will run in the next few steps**

**(**Refer back to this if you have any problems!)

1. gcloud config set project my-kubernetes-project-304910
2. gcloud container clusters get-credentials my-cluster --zone us-central1-c --project my-kubernetes-project-304910
4. kubectl create deployment hello-world-rest-api --image=in28min/hello-world-rest-api:0.0.1.RELEASE
5. kubectl get deployment
7. kubectl expose deployment hello-world-rest-api --type=LoadBalancer --port=8080
8. kubectl get services
9. kubectl get services --watch
11. curl 35.184.204.214:8080/hello-world
13. kubectl scale deployment hello-world-rest-api --replicas=3
15. gcloud container clusters resize my-cluster --node-pool default-pool --num-nodes=2 --zone=us-central1-c
17. kubectl autoscale deployment hello-world-rest-api --max=4 --cpu-percent=70
18. kubectl get hpa
20. kubectl create configmap hello-world-config --from-literal=RDS\_DB\_NAME=todos
21. kubectl get configmap
22. kubectl describe configmap hello-world-config
24. kubectl create secret generic hello-world-secrets-1 --from-literal=RDS\_PASSWORD=dummytodos
25. kubectl get secret
26. kubectl describe secret hello-world-secrets-1
28. kubectl apply -f deployment.yaml
30. gcloud container node-pools list --zone=us-central1-c --cluster=my-cluster
31. kubectl get pods -o wide
33. kubectl set image deployment hello-world-rest-api hello-world-rest-api=in28min/hello-world-rest-api:0.0.2.RELEASE
35. kubectl get services
36. kubectl get replicasets
37. kubectl get pods
39. kubectl delete pod hello-world-rest-api-58dc9d7fcc-8pv7r
41. kubectl scale deployment hello-world-rest-api --replicas=1
43. kubectl get replicasets
45. gcloud projects list
46. kubectl delete service hello-world-rest-api
47. kubectl delete deployment hello-world-rest-api
49. gcloud container clusters delete my-cluster --zone us-central1-c