Install Kubernetes

Running Test Application

```
$ kubectl config use-context minikube
switched to offest ministope .
shehrozwaseem@DESKTOP-7BRNBJJ:~$ kubectl get nodes
NAME STATUS ROLES AGE VERSION
minikube Ready control-plane 74m v1.28.3
shehrozwaseem@DESKTOP-7BRNBJJ:~$ kubectl get pods --all-namespaces
NAMESPACE
               NAME
                                                        READY STATUS
                                                                             RESTARTS
                                                                                              AGE
74m
kube-system coredns-5dd5756b68-cxnmm
                                                        1/1
1/1
                                                                  Running
kube-system
                                                                  Running
                                                                                              74m
              etcd-minikube
kube-system
               kube-apiserver-minikube
                                                                  Running
ube-system
               kube-controller-manager-minikube
                                                                  Running
                                                                                              74m
              kube-proxy-ccs6t
kube-scheduler-minikube
                                                        1/1
1/1
                                                                                              74m
kube-system
                                                                  Running
kube-system
                                                                  Running
                                                                                              74m
                                                                            2 (73m ago)
                                                                  Running
kube-system storage-provisioner
                               JJ:∿$ kubectl create deployment hello-minikube --image=kicbase/echo-server:1.0
deployment.apps/hello-minikube created
                  SKTOP-7BRNBJJ:~$ kubectl expose deployment hello-minikube --type=NodePort --port=8080
service/hello-minikube exposed
                DESKTOP-7BRNBJJ:~$ minikube service hello-minikube
  NAMESPACE
                     NAME
                                    TARGET PORT
  default
               hello-minikube
                                          8080
                                                   http://192.168.49.2:30620
    Starting tunnel for service hello-minikube.
  NAMESPACE
                     NAME
                                   TARGET PORT
               hello-minikube
                                                   http://127.0.0.1:40385
    Opening service default/hello-minikube in default browser...
http://127.0.0.1:40385
   Because you are using a Docker driver on linux, the terminal needs to be open to run it.
```