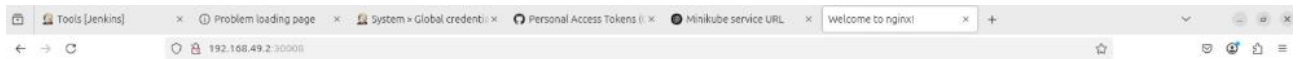


## TASK -4



### Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](http://nginx.org).  
Commercial support is available at [nginx.com](http://nginx.com).

Thank you for using nginx.

```
karthi@Karthi: ~  
> kicbase.v0.0.46-amd64.tar: 1.23 GiB / 1.23 GiB 100.00% 2.26 MiB p/s 9m1  
Creating docker container (CPUs=2, Memory=2200MB) ...  
Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...  
  ■ Generating certificates and keys ...  
  ■ Booting up control plane ...  
  ■ Configuring RBAC rules ...  
Configuring bridge CNI (Container Networking Interface) ...  
Verifying Kubernetes components...  
  ■ Using image gcr.io/k8s-minikube/storage-provisioner:v5  
Enabled addons: storage-provisioner, default-storageclass  
Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default  
karthi@Karthi: ~$ minikube status  
minikube  
type: Control Plane  
host: Running  
kubelet: Running  
apiserver: Running  
kubeconfig: Configured  
karthi@Karthi: ~$ kubectl expose deployment nginx-login --type=NodePort --name=nginx-login-service  
Error from server (NotFound): deployments.apps "nginx-login" not found  
karthi@Karthi: ~$ kubectl get deployments  
No resources found in default namespace.  
karthi@Karthi: ~$ kubectl get deployments --all-namespaces  
NAMESPACE   NAME      READY   UP-TO-DATE   AVAILABLE   AGE  
kube-system  coredns   1/1     1            1           101s  
karthi@Karthi: ~$ nano nginx-deployment.yaml  
karthi@Karthi: ~$ kubectl apply -f nginx-deployment.yaml  
deployment.apps/nginx-login created  
service/nginx-login-service created  
karthi@Karthi: ~$ kubectl get deployments  
NAME      READY   UP-TO-DATE   AVAILABLE   AGE  
nginx-login 0/1     1            0           8s  
karthi@Karthi: ~$ kubectl get services  
NAME                TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)          AGE  
kubernetes           ClusterIP   10.96.0.1    <none>         443/TCP           5m15s  
nginx-login-service  NodePort    10.104.15.91 <none>         80:30008/TCP      17s  
karthi@Karthi: ~$ minikube ip  
192.168.49.2  
karthi@Karthi: ~$ minikube service nginx-login-service --url  
http://192.168.49.2:30008  
karthi@Karthi: ~$
```