

#### TASK4:

- `kubectl create deployment --image=nginx --port=80`
- `kubectl create deployment webapp --image=nginx --port=80`
- `kubectl expose webapp --type=Nodeport --port=80 --target=--port=80`
- `kubectl expose deployment webapp --type=Nodeport --port=80 --target=--port=80`
- `kubectl expose deployment webapp --type=NodePort --port=80 --target-port=80`
- `kubectl get pods`
- `kubectl get svc`
- `minikube service webapp`

```
root@abisheck-VirtualBox: /home/abisheck

root@abisheck-VirtualBox:/home/abisheck# kubectl create deployment --image=nginx --port=80
error: exactly one NAME is required, got 0
See 'kubectl create deployment -h' for help and examples
root@abisheck-VirtualBox:/home/abisheck# kubectl create deployment webapp --image=nginx --port=80
deployment.apps/webapp created
root@abisheck-VirtualBox:/home/abisheck# kubectl expose webapp --type=Nodeport --port=80 --target=--port=80
error: unknown flag: --target
See 'kubectl expose --help' for usage.
root@abisheck-VirtualBox:/home/abisheck# kubectl expose deployment webapp --type=Nodeport --port=80 --target=--port=80
error: unknown flag: --target
See 'kubectl expose --help' for usage.
root@abisheck-VirtualBox:/home/abisheck# kubectl expose deployment webapp --type=NodePort --port=80 --target-port=80
service/webapp exposed
root@abisheck-VirtualBox:/home/abisheck# kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
my-deploy-74b6755685-mvrxp         1/1     Running   2 (67m ago)  23s
```

```
root@abisheck-VirtualBox: /home/abisheck
webapp-869b646d9f-gxq2m 1/1 Running 0 4m
root@abisheck-VirtualBox:/home/abisheck# kubectl get svc
NAME                                TYPE                CLUSTER-IP      EXTERNAL-IP      PORT(S)
kubernetes                         ClusterIP           10.96.0.1        <none>            443/TCP
ny-deploy                          NodePort            10.96.45.237     <none>            80:31795/TCP
react-ecommerce-service            NodePort            10.105.132.147   <none>            80:30007/TCP
webapp                             NodePort            10.106.128.20    <none>            80:30708/TCP
root@abisheck-VirtualBox:/home/abisheck# minikube service webapp
-----|-----|-----|-----|
NAMESPACE | NAME | TARGET PORT | URL |
-----|-----|-----|-----|
default | webapp | 80 | http://192.168.49.2:30708 |
-----|-----|-----|-----|
🌐 Opening service default/webapp in default browser...
root@abisheck-VirtualBox:/home/abisheck# 2025/03/21 09:56:59.992956 cmd_run.go:1
285: WARNING: cannot start document portal: write unix @->/run/user/1000/bus: wr
ite: broken pipe
```

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## 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](https://nginx.org).  
Commercial support is available at [nginx.com](https://nginx.com).

*Thank you for using nginx.*