DAY 3

CODE:

```yaml
apiVersion: apps/v1
kind: Deployment
metadata:
  name: nginx-login
spec:
  replicas: 1
  selector:
    matchLabels:
      app: nginx-login
  template:
    metadata:
      labels:
        app: nginx-login
    spec:
      containers:
      - name: nginx-login
        image: nginx:latest  # Public Nginx image from Docker Hub
        ports:
        - containerPort: 80
---
apiVersion: v1
kind: Service
metadata:
  name: nginx-login-service
```

spec:

type: NodePort

  selector:

    app: nginx-login

  ports:

    - protocol: TCP

      port: 80

      targetPort: 80

      nodePort: 30008

OUTPUT SCREENSHOTS


```
2025/03/20 05:57:18 [notice] 1#1: start worker process 30
2025/03/20 05:57:18 [notice] 1#1: start worker process 31
2025/03/20 05:57:18 [notice] 1#1: start worker process 32
2025/03/20 05:57:18 [notice] 1#1: start worker process 33
2025/03/20 05:57:18 [notice] 1#1: start worker process 34
2025/03/20 05:57:18 [notice] 1#1: start worker process 35
2025/03/20 05:57:18 [notice] 1#1: start worker process 36
^C
harini@LAPTOP-K6DVLAEE:~$ curl http://192.168.49.2:30008
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
html { color-scheme: light dark; }
body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>

<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>

<p><em>Thank you for using nginx.</em></p>
</body>
</html>
harini@LAPTOP-K6DVLAEE:~$ sudo ufw allow 30008/tcp
sudo ufw reload
Rule added
Rule added (v6)
Firewall reloaded
harini@LAPTOP-K6DVLAEE:~$ minikube service nginx-login-service
|-----------|----------------------|-------------|--------------------------|
| NAMESPACE |         NAME         | TARGET PORT |            URL           |
|
```

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Thank you for using nginx.