



Visual Studio Code interface showing a Kubernetes deployment and ingress configuration.

EXPLORER: KUBERNETES_PROJ > hello > myapp > myapp > deployment.yaml > dockerfile > ingress.yaml > manage.py > README.DOC > requirements.txt > service.yaml

deployment.yaml:

```
myapp > | ingress.yaml > | metadata > | name: myapp > | namespace: myapp > | apiVersion: networking.k8s.io/v1 > | kind: Ingress > | metadata: > | name: pooja-ingress > | spec: > | ingressClassName: nginx > | rules: > | - host: pooja-sangvan.com > | http: > | paths: > | - path: / > | pathType: Prefix > | backend: > | service: > | name: my-service > | port: > | number: 80
```

ingress.yaml:

```
myapp > | ingress.yaml > | metadata > | name: myapp > | namespace: myapp > | apiVersion: networking.k8s.io/v1 > | kind: Ingress > | metadata: > | name: pooja-ingress > | spec: > | ingressClassName: nginx > | rules: > | - host: pooja-sangvan.com > | http: > | paths: > | - path: / > | pathType: Prefix > | backend: > | service: > | name: my-service > | port: > | number: 80
```

Terminal:

```
Starting tunnel for service my-service.
NAMESPACE NWE TARGET PORT URL
default my-service http://127.0.0.1:53453
Opening service default/my-service in default browser...
Because you are using a Docker driver on windows, the terminal needs to be open to run it.
Stopping tunnel for service my-service.
PS C:\Users\pooja\Desktop\kuber_proj\myapp> kubectl describe ingress pooja-ingress
Name: pooja-ingress
Labels: <none>
Namespace: default
Address:
Ingress Class: nginx
Default backend: <default>
Rules:
Host Path Backends
-----
pooja-sangvan.com / my-service:80 (10.244.0.4:8000,10.244.0.5:8000,10.244.0.6:8000)
Annotations: <none>
Events:
PS C:\Users\pooja\Desktop\kuber_proj\myapp> kubectl get ingress pooja-ingress
NAME CLASS HOSTS ADDRESS PORTS AGE
pooja-ingress nginx pooja-sangvan.com 80 112s
PS C:\Users\pooja\Desktop\kuber_proj\myapp>
```

Taskbar: Windows 10 taskbar with search bar, task view, and various application icons. System tray shows date and time: 18-04-2023, 13:35.