

The screenshot shows a code editor interface with a dark theme. The central area displays a YAML configuration file named 'probe-demo.yaml'. The file defines a Deployment object with the following specifications:

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: probe-demo
spec:
  replicas: 1
  selector:
    matchLabels:
      app: probe-demo
  template:
    metadata:
      labels:
        app: probe-demo
    spec:
      containers:
        - name: probe-container
          image: nginx
          ports:
            - containerPort: 80
          livenessProbe:
            httpGet:
              path: /
              port: 80
            initialDelaySeconds: 5
            periodSeconds: 5
          readinessProbe:
            httpGet:
              path: /
              port: 80
            initialDelaySeconds: 2
```

The 'EXPLORER' sidebar on the left contains a tree view with a single item: 'probe-demo.yaml'. The bottom navigation bar includes icons for file operations like Open, Save, and Close, along with tabs for 'OUTLINE' and 'TIMELINE'. The status bar at the bottom right shows the file path 'probe-demo.yaml', line count 'Ln 31, Col 1', character count 'Spaces: 2', encoding 'UTF-8', line endings 'CRLF', and a 'Finish Setup' button.

## Terminal

```
PS C:\Users\nirma> kubectl apply -f "C:\Users\nirma\OneDrive\Desktop\hii\probe-demo.yaml"
deployment.apps/probe-demo created
PS C:\Users\nirma> kubectl get pods
NAME                  READY   STATUS    RESTARTS   AGE
probe-demo-858bc775fd-8j5x2   1/1     Running   0          10s
```

## Terminal

```
PS C:\Users\nirma> kubectl describe pod probe-demo-858bc775fd-p54m7
Name:           probe-demo-858bc775fd-p54m7
Namespace:      default
Priority:       0
Service Account: default
Node:           docker-desktop/192.168.65.3
Start Time:     Fri, 02 Jan 2026 17:58:54 +0530
Labels:         app=probe-demo
                pod-template-hash=858bc775fd
Annotations:    <none>
Status:         Running
IP:             10.1.0.35
IPs:
  IP:           10.1.0.35
Controlled By: ReplicaSet/probe-demo-858bc775fd
Containers:
  probe-container:
    Container ID:  docker://cbd5ab880b7af014ff4a471dd618f96cb2169cdc8ed12499c5f601a10eeed3b9
```

## Terminal

Containers:

probe-container:

Container ID:	docker://cbd5ab880b7af014ff4a471dd618f96cb2169cdc8ed12499c5f601a10eeed3b9
Image:	nginx
Image ID:	docker-pullable://nginx@sha256:ca871a86d45a3ec6864dc45f014b11fe626145569ef0e74deaffc95a

3b15b430

Port:	80/TCP
Host Port:	0/TCP
State:	Running
Started:	Fri, 02 Jan 2026 17:59:04 +0530
Ready:	True
Restart Count:	0
Liveness:	http-get http://:80/ delay=5s timeout=1s period=5s #success=1 #failure=3
Readiness:	http-get http://:80/ delay=2s timeout=1s period=10s #success=1 #failure=3
Environment:	<none>
Mounts:	/var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-cw52j (ro)

Conditions:



## Terminal

```
Type                      Status
PodReadyToStartContainers  True
Initialized                True
Ready                     True
ContainersReady           True
PodScheduled               True

Volumes:
  kube-api-access-cw52j:
    Type:            Projected (a volume that contains injected data from multiple sources)
    TokenExpirationSeconds: 3607

Events:
Type  Reason  Age   From          Message
----  -----  ----  --  -----
Normal  Scheduled  3m15s default-scheduler  Successfully assigned default/probe-demo-858bc775fd-p54m7 to docker-desktop
Normal  Pulling   3m15s  kubelet      Pulling image "nginx"
Normal  Pulled    3m6s  kubelet      Successfully pulled image "nginx" in 9.313s (9.313s including waiting). Image size: 59797235 bytes.
```

## Terminal

```
PS C:\Users\nirma> kubectl exec -it probe-demo-858bc775fd-p54m7 -- /bin/bash
root@probe-demo-858bc775fd-p54m7:/# rm /usr/share/nginx/html/index.html
root@probe-demo-858bc775fd-p54m7:/# exit
exit
PS C:\Users\nirma> kubectl get pods -w
NAME                  READY   STATUS    RESTARTS   AGE
probe-demo-858bc775fd-p54m7   1/1     Running   0          12m
probe-demo-858bc775fd-p54m7   0/1     Running   1 (7s ago)  12m
probe-demo-858bc775fd-p54m7   1/1     Running   1 (8s ago)  12m
PS C:\Users\nirma> ^C
PS C:\Users\nirma> kubectl describe pod probe-demo-858bc775fd-p54m7
Name:           probe-demo-858bc775fd-p54m7
Namespace:      default
Priority:       0
Service Account: default
Node:           docker-desktop/192.168.65.3
Start Time:     Fri, 02 Jan 2026 17:58:54 +0530
Labels:         app=probe-demo
```

## Terminal

Type	Reason	Age	From	Message
Normal	Scheduled	15m	default-scheduler	Successfully assigned default/probe-demo-858bc775fd-p54m7 to docker-desktop
Normal	Pulled	14m	kubelet	Successfully pulled image "nginx" in 9.313s (9.313s including waiting). Image size: 59797235 bytes.
Warning	Unhealthy	2m24s (x2 over 2m34s)	kubelet	Readiness probe failed: HTTP probe failed with statuscode: 403
Warning	Unhealthy	2m20s (x3 over 2m30s)	kubelet	Liveness probe failed: HTTP probe failed with statuscode: 403
Normal	Killing	2m20s	kubelet	Container probe-container failed liveness probe, will be restarted
Normal	Created	2m14s (x2 over 14m)	kubelet	Created container: probe-container
Normal	Started	2m14s (x2 over 14m)	kubelet	Started container probe-container
Normal	Pulled	2m14s	kubelet	Successfully pulled image "nginx" in 6.095s (6.095s including waiting). Image size: 59797235 bytes.