

```
File Edit Selection View Go Run ... ← → Q Search [Administrator] powershell + × - ×
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\Administrator\Desktop\kubernetes> kubectl --help
default      Active  15m
kube-node-lease  Active  15m
kube-public    Active  15m
● kube-system   Active  15m
local-path-storage  Active  14m
PS C:\Users\Administrator\Desktop\kubernetes> kubectl create ns wipro
namespace/wipro created
● PS C:\Users\Administrator\Desktop\kubernetes> kubectl get ns
NAME      STATUS  AGE
default      Active  15m
kube-node-lease  Active  15m
kube-public    Active  15m
kube-system   Active  15m
● local-path-storage  Active  15m
● wipro       Active  13s
PS C:\Users\Administrator\Desktop\kubernetes> kubectl get pod nginx-pod
Error from server (NotFound): pods "nginx-pod" not found
PS C:\Users\Administrator\Desktop\kubernetes> kubectl get nodes
NAME           STATUS ROLES   AGE VERSION
desktop-control-plane Ready control-plane 88m v1.31.1
desktop-worker   Ready <none>     88m v1.31.1
● desktop-worker2 Ready <none>     88m v1.31.1
● PS C:\Users\Administrator\Desktop\kubernetes> kubectl run nginx-pod --image=nginx
pod/nginx-pod created
PS C:\Users\Administrator\Desktop\kubernetes> kubectl get pods
NAME      READY STATUS RESTARTS AGE
● nginx-pod 1/1 Running 0 63s
● PS C:\Users\Administrator\Desktop\kubernetes> kubectl get pods -o wide
NAME      READY STATUS RESTARTS AGE IP          NOMINATED NODE READINESS GATES
● nginx-pod 1/1 Running 0 11m 10.244.1.2  desktop-worker2 <none>  <none>
PS C:\Users\Administrator\Desktop\kubernetes> kubectl get pods nginx-pod -o json
```

Welcome to nginx! | Free Website Template | Gmail: Private and secure | (no subject) - gjayavarshini | Women Clothing Website | jayavarshini04/day1 | +

hub.docker.com/repository/docker/jayavarshini04/day1\_wipro\_58624/general

Google Chrome isn't your default browser Set as default

Last pushed less than a minute ago Repository size: 39.9 MB

Add a description *Save* *Info*

Add a category *Save* *Info*

Repositories Hardened Images Collaborations Settings Default privacy Notifications Billing Usage Pulls Storage

General Tags Image Management BETA Collaborators Webhooks Settings

**Tags** DOCKER SCOUT INACTIVE Activate

This repository contains 0 tag(s).

Tag	OS	Type	Pulled	Pushed
latest	Alpine	Image	less than 1 day	less than a minute

[See all](#)

**Repository overview** INCOMPLETE

An overview describes what your image does and how to run it. It displays in [the public view of your repository](#) once you have pushed some content.

**buildcloud**  
Build with Docker Build Cloud  
Accelerate image build times with access to cloud-based builders and shared cache.  
Docker Build Cloud executes builds on optimally-dimensioned cloud infrastructure with dedicated per-organization isolation.  
Get faster builds through shared caching across your team, native multi-platform support, and encrypted data transfer - all without managing infrastructure.  
[Activate Windows](#)  
Go to Settings to activate Windows.  
[Go to Docker Build Cloud](#) →

Type here to search

16:15 13-01-2026

A screenshot of a terminal window in Visual Studio Code. The title bar shows "File Edit Selection View Go ... Search [Administrator]". The terminal tab is selected, displaying the Docker help command output. The output includes usage information for docker, TLS options, a warning about self-signed certificates, and a note to run --help for more details. It then shows the image command help, listing commands like build, history, import, inspect, load, ls, prune, pull, push, rm, save, and tag with their descriptions. Finally, it shows the Docker version command output.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Usage: docker [OPTIONS] COMMAND
      --tlscert string      C:\Users\Administrator\.docker\cert.pem
      --tlskey string        Path to TLS certificate file (default
                            "C:\Users\Administrator\.docker\cert.pem")
      --tlsverify string     Path to TLS key file (default
                            "C:\Users\Administrator\.docker\key.pem")
      --tlsverify             Use TLS and verify the remote
-v, --version           Print version information and quit

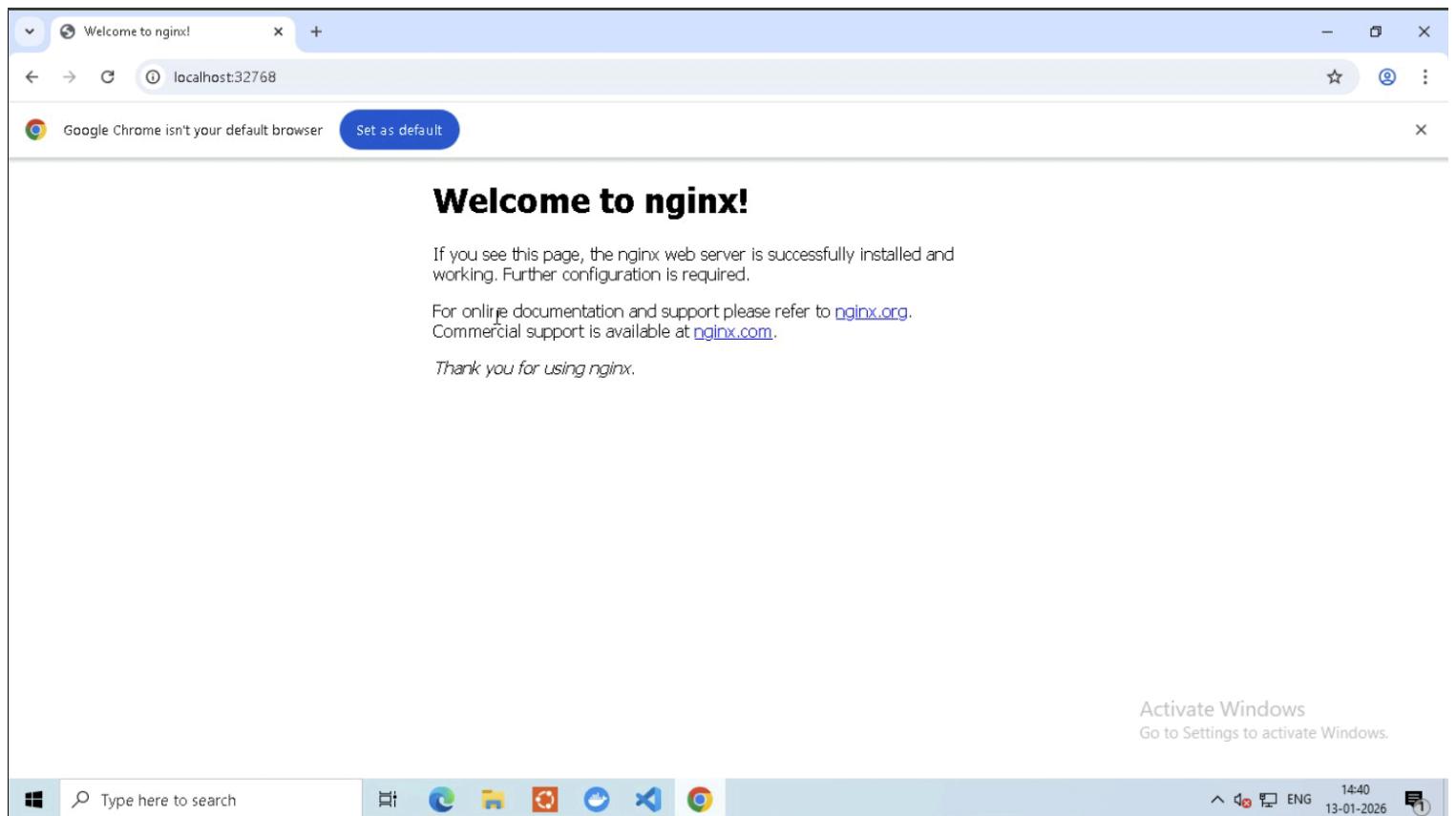
Run 'docker COMMAND --help' for more information on a command.

For more help on how to use Docker, head to https://docs.docker.com/go/guides/
● PS C:\Users\Administrator> docker image --help
Usage: docker image COMMAND

Manage images

Commands:
build      Build an image from a Dockerfile
history    Show the history of an image
import     Import the contents from a tarball to create a filesystem image
inspect    Display detailed information on one or more images
load       Load an image from a tar archive or STDIN
ls         List images
prune     Remove unused images
pull       Download an image from a registry
push       Upload an image to a registry
rm        Remove one or more images
save      Save one or more images to a tar archive (streamed to STDOUT by default)
tag       Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE

Run 'docker image COMMAND --help' for more information on a command.
● PS C:\Users\Administrator> docker -v
Docker version 29.1.2, build 890dcca
● PS C:\Users\Administrator>
```



docker desktop PERSONAL

Containers Give feedback

Container CPU usage: 0.00% / 400% (4 CPUs available)

Container memory usage: 11.01MB / 7.57GB

Show charts

Search

Only show running containers

	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
<input type="checkbox"/>	xenodochial_ba	c27dffdf34b0c	nginx	32768:80	0%	2 hours ago	
<input type="checkbox"/>	nginx-custom	b6c5f912b392	nginx	8085:80	0%	4 minutes ago	

Walkthroughs

Multi-container applications

8 mins

Containerize your application

3 mins

[View more in the Learning center](#)

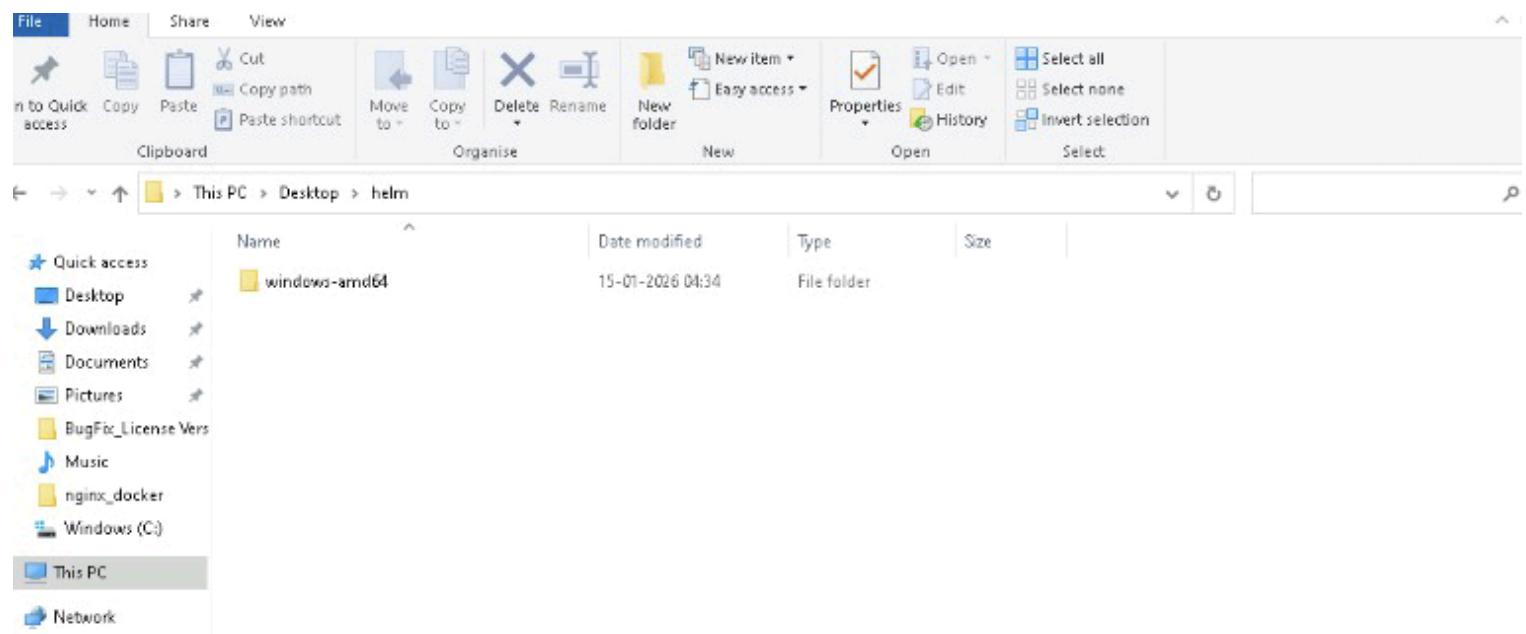
Activate Windows  
Go to Settings to activate Windows.

Engine running RAM 0.92 GB CPU 0.25% Disk: 1.65 GB used (limit 1006.85 GB)

Type here to search

Terminal Update available

16:59 13-01-2026



The screenshot shows a terminal window within a code editor interface, likely Visual Studio Code, displaying Kubernetes configuration files and deployment status.

The terminal tab bar includes:

- PROBLEMS
- OUTPUT
- DEBUG CONSOLE
- TERMINAL
- PORTS

The terminal content shows the following steps:

- NAME READY STATUS RESTARTS AGE
- newdeploy-7cd996fb8-5pmx2 1/1 Running 0 3d3h
- newdeploy-7cd996fb8-cnwl8 1/1 Running 0 3d3h
- web 1/1 Running 0 3d5h
- PS C:\Users\Administrator\Desktop\kubernetes> **kubectl get deployment**
- NAME READY UP-TO-DATE AVAILABLE AGE
- newdeploy 2/2 2 2 3d3h
- PS C:\Users\Administrator\Desktop\kubernetes> **kubectl apply -f deployment.yaml**
- deployment.apps/nginx-deployment unchanged
- PS C:\Users\Administrator\Desktop\kubernetes>

A context menu is open on the right side of the terminal window, listing three options:

- [ ] powershell
- [ ] powershell
- [ ] powershell

At the bottom right of the terminal window, there is a watermark: "Activate Windows Go to Settings to activate Windows."

Bottom status bar: Ln 21, Col 1 Spaces: 2 UTF-8 CRLF {} YAML

The screenshot shows a Windows terminal window titled "kubernetes [Administrator]" with several tabs open at the top: "app-blue.yaml", "service.yaml", "deployment.yaml", "manifestfile.yaml" (which is the active tab), and "app-green.yaml". The "manifestfile.yaml" tab contains the following YAML code:

```
10     app: myapp
11   template:
12     metadata:
13       labels:
14         app: myapp
15     spec:
16       containers:
17         - name: myapp-container
18           image: nginx
19           ports:
20             - containerPort: 80
21             volumeMounts:
22               - name: app-storage
23                 mountPath: docker.io/jayavarshinig04/nginx:latest
24       volumeClaimTemplates:
25         - metadata:
26           name: app-storage
27           spec:
28             accessModes: ["ReadWriteOnce"]
29             resources:
30               requests:
```

Below the tabs, there are five buttons: PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is underlined to indicate it's active), and PORTS. The TERMINAL section displays a PowerShell command and its output:

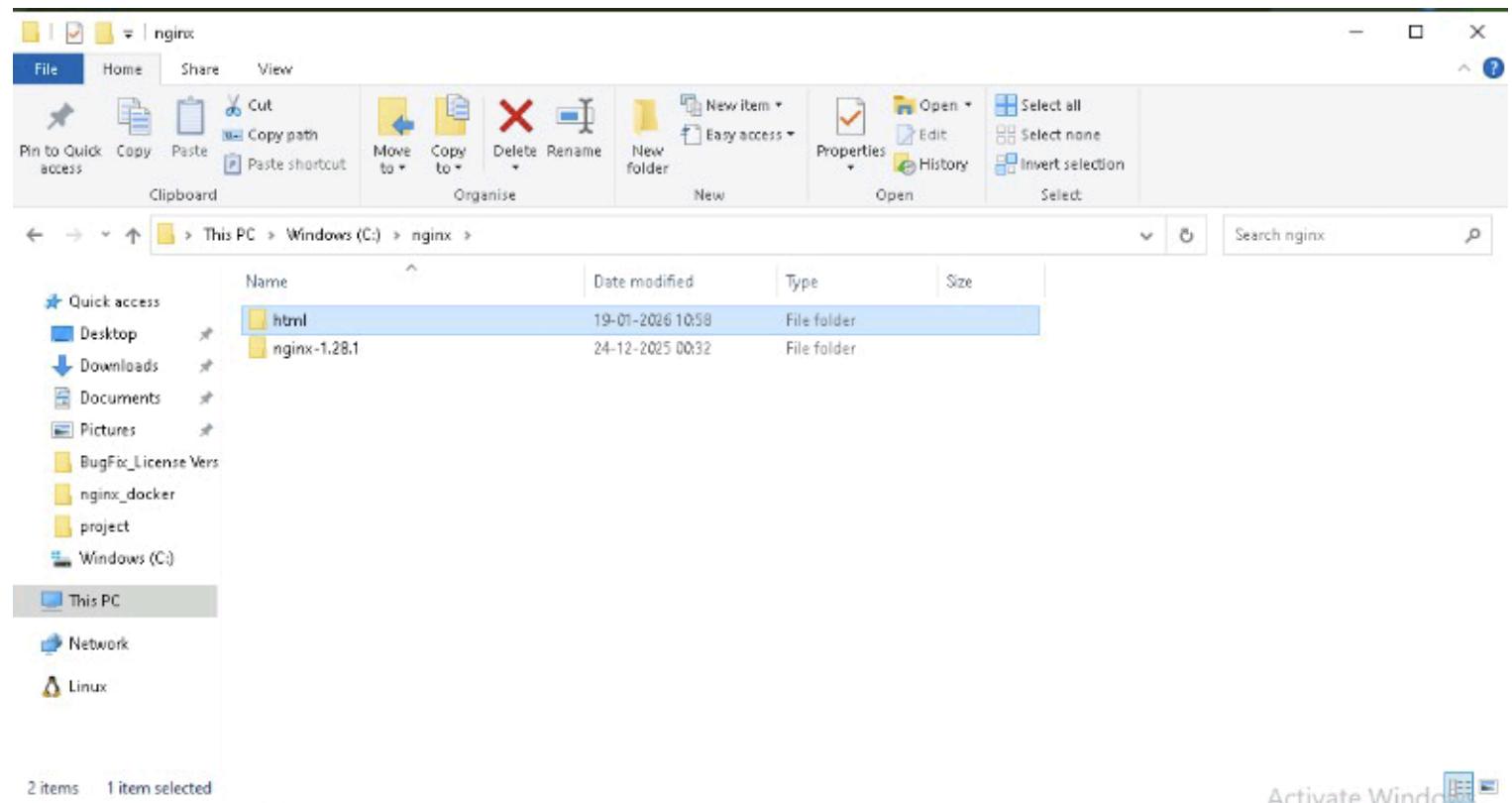
```
PS C:\Users\Administrator\Desktop\kubernetes> kubectl get pods
```

NAME	READY	STATUS	RESTARTS	AGE
myapp-0	1/1	Running	0	45s
myapp-1	1/1	Running	0	34s
myapp-2	1/1	Running	0	25s
newdeploy-7cd996fb8-5pmx2	1/1	Running	0	3d3h
newdeploy-7cd996fb8-cnwlb	1/1	Running	0	3d4h
web	1/1	Running	0	3d5h

On the right side of the terminal, there is a context menu with three entries: "powershell", "powershell", and "powershell". At the bottom right, there is a message from Microsoft: "Activate Windows. Go to Settings to activate Windows."

```
PS C:\Users\Administrator\wipro_K8\wipro_K8\k8s> kubectl get deployments
● NAME      READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment  0/3     1           0          17h
○ PS C:\Users\Administrator\wipro_K8\wipro_K8\k8s>
```

Activate Windows  
Go to Settings to activate Windows.





```
PS C:\Users\Administrator> docker image ls
> IMAGE          ID          DISK USAGE     CONTENT SIZE    EXTRA
> nginx:latest  06eb0c817047  240MB        65.7MB        U
PS C:\Users\Administrator> docker images
> IMAGE          ID          DISK USAGE     CONTENT SIZE    EXTRA
> nginx:latest  06eb0c817047  240MB        65.7MB        U
PS C:\Users\Administrator>
```