

The screenshot shows a terminal window in Visual Studio Code (VS Code) running under Administrator privileges. The terminal is executing several Kubernetes commands (kubectl) against a local cluster. The output shows the creation of a Metrics Server, listing pods and deployments, and creating a new deployment named 'newdeploy'.

```
clusterrolebinding.rbac.authorization.k8s.io/system:metrics-server created
metrics-server-5dd7f7f59c-n556h      0/1    Running   0      27s
PS C:\Users\Administrator\Desktop\kubernetes> kubectl get pods -n kube-system | findstr metrics
metrics-server-5dd7f7f59c-n556h      0/1    Running   0      49s
PS C:\Users\Administrator\Desktop\kubernetes> kubectl get deployments
NAME        READY   UP-TO-DATE   AVAILABLE   AGE
app-blue     2/2     2           2           50m
app-green    2/2     2           2           50m
nginx-deployment 3/3     3           3           19h
PS C:\Users\Administrator\Desktop\kubernetes> kubectl delete deployments --all
● deployment.apps "app-blue" deleted from default namespace
● deployment.apps "app-green" deleted from default namespace
● deployment.apps "nginx-deployment" deleted from default namespace
● PS C:\Users\Administrator\Desktop\kubernetes> kubectl create deployment newdeploy, --image=nginx
deployment.apps/newdeploy created
PS C:\Users\Administrator\Desktop\kubernetes> kubectl get deployments
NAME        READY   UP-TO-DATE   AVAILABLE   AGE
newdeploy   1/1     1           1           5s
PS C:\Users\Administrator\Desktop\kubernetes> kubectl autoscale deployment newdeploy --cpu-percent=50 --min=2 --max=5
● Flag --cpu-percent has been deprecated. Use --cpu with percentage or resource quantity format (e.g., '70%' f
● or utilization or '500m' for milliCPU).
horizontalpodautoscaler.autoscaling/newdeploy autoscaled
● PS C:\Users\Administrator\Desktop\kubernetes> kubectl get pods
NAME        READY   STATUS    RESTARTS   AGE
newdeploy-7cd996bfb8-bfswm   1/1    Running   0      4s
● newdeploy-7cd996bfb8-cnwlb  1/1    Running   0      10m
web          1/1    Running   0      114m
PS C:\Users\Administrator\Desktop\kubernetes> kubectl delete pod newdeploy-7cd996bfb8-bfswm
pod "newdeploy-7cd996bfb8-bfswm" deleted from default namespace
● PS C:\Users\Administrator\Desktop\kubernetes> kubectl get pods
● NAME        READY   STATUS    RESTARTS   AGE
newdeploy-7cd996bfb8-5pmx2  1/1    Running   0      6s
newdeploy-7cd996bfb8-cnwlb  1/1    Running   0      10m
web          1/1    Running   0      114m
PS C:\Users\Administrator\Desktop\kubernetes>
```

Activate Windows  
Go to Settings to activate Windows.

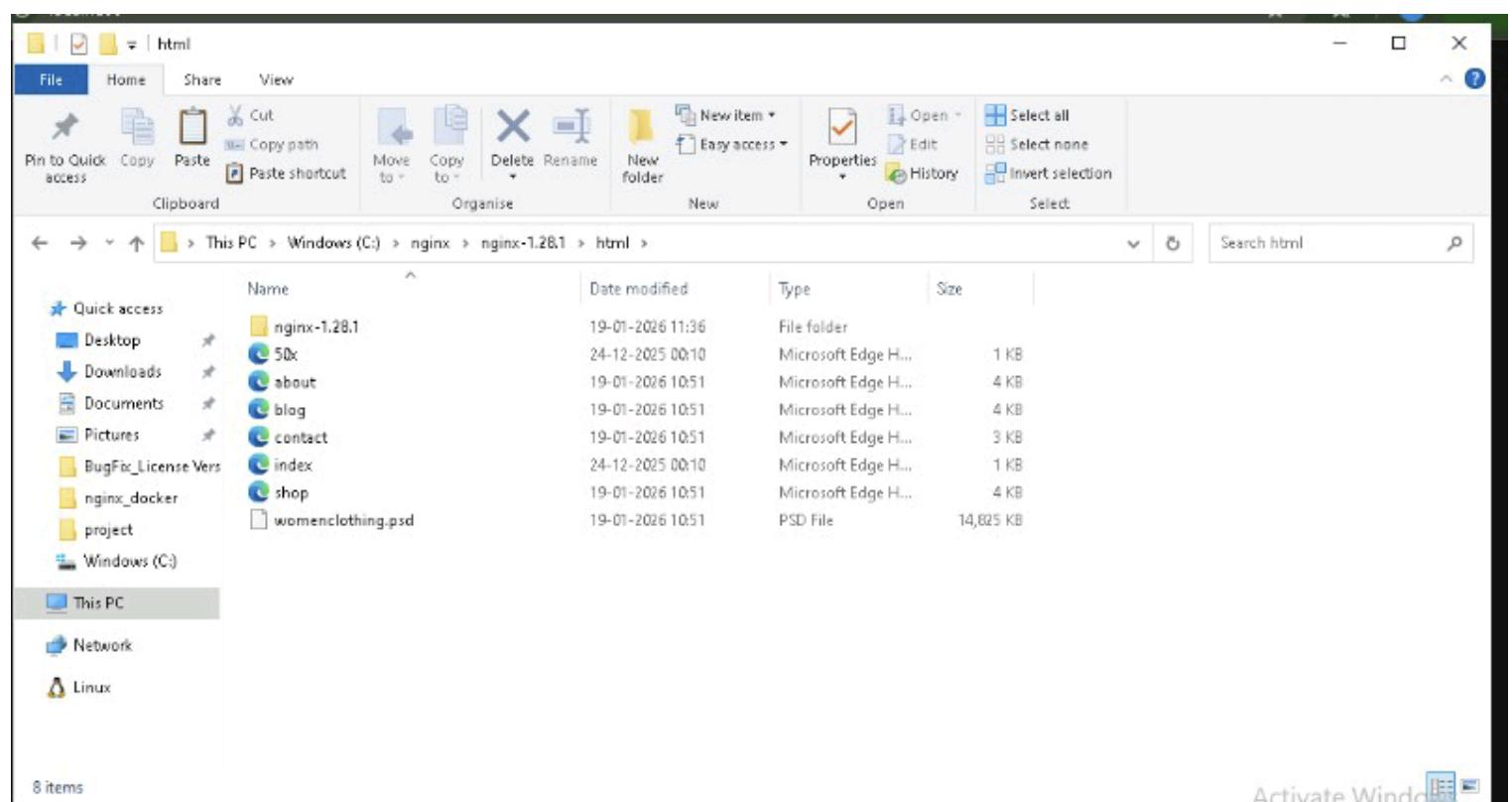
Jenkins / code-commit / #2 / Console Output

```
client//org.jenkinsci.plugins.gitclient.CliGitAPIImpl.launchCommandWithCredentials(CliGitAPIImpl.java:2201)
    at PluginClassLoader for git-
client//org.jenkinsci.plugins.gitclient.CliGitAPIImpl$1.execute(CliGitAPIImpl.java:638)
    at PluginClassLoader for git-
client//org.jenkinsci.plugins.gitclient.CliGitAPIImpl$2.execute(CliGitAPIImpl.java:880)
    at PluginClassLoader for git//hudson.plugins.git.GitSCM.retrieveChanges(GitSCM.java:1220)
    at PluginClassLoader for git//hudson.plugins.git.GitSCM._checkout(GitSCM.java:1310)
    at PluginClassLoader for git//hudson.plugins.git.GitSCM.checkout(GitSCM.java:1277)
    at hudson.scm.SCM.checkout(SCM.java:540)
    at hudson.model.AbstractProject.checkout(AbstractProject.java:1250)
    at hudson.model.AbstractBuild$AbstractBuildExecution.defaultCheckout(AbstractBuild.java:649)
    at jenkins.scm.SCMCheckoutStrategy.checkout(SCMCheckoutStrategy.java:85)
    at hudson.model.AbstractBuild$AbstractBuildExecution.run(AbstractBuild.java:522)
    at hudson.model.Run.execute(Run.java:1860)
    at hudson.model.FreeStyleBuild.run(FreeStyleBuild.java:44)
    at hudson.model.ResourceController.execute(ResourceController.java:101)
    at hudson.model.Executor.run(Executor.java:460)
ERROR: Error cloning remote repo 'origin'
Finished: FAILURE
```

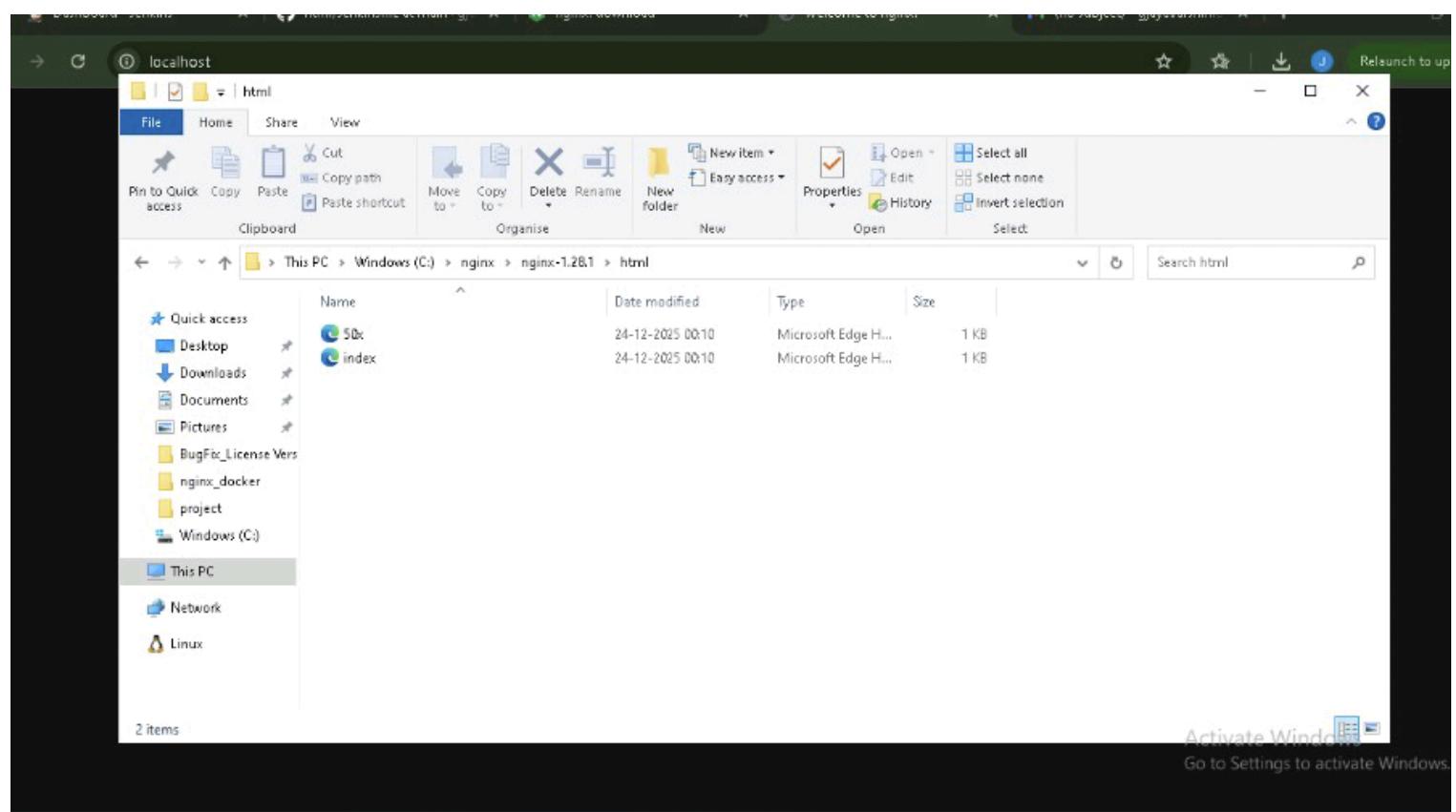
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REST API Jenkins 2.528.3

Type here to search

16:49 16-01-2026



```
! nginx_deployment_pv.yaml
1  apiVersion: v1
2  kind: PersistentVolume
3  metadata:
4    name: nginx-pv
5  spec:
6    capacity:
7      storage: 1Gi
8    accessModes:
9      - ReadWriteOnce
10   hostPath:
11     path: /mnt/nginx-data
12
13  apiVersion: v1
14  kind: PersistentVolumeClaim
15  metadata:
16    name: nginx-pvc
17  spec:
18    accessModes:
19      - ReadWriteOnce
20    resources:
21      requests:
22        apiVersion: apps/v1
23        kind: Deployment
24    metadata:
25      name: nginx-deployment
26  spec:
27    replicas: 2
28    selector:
```



```
ItemNotFoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

PS C:\Users\Administrator\wipro_K8> git clone https://github.com/gjayavarshini8/wipro_K8.git
fatal: destination path 'wipro_K8' already exists and is not an empty directory.
④ PS C:\Users\Administrator\wipro_K8> ls

Directory: C:\Users\Administrator\wipro_K8

Mode                LastWriteTime         Length Name
----                -----        ----- ----
d-----       16-01-2026      09:49          wipro_K8

④ PS C:\Users\Administrator\wipro_K8>
```

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> OUTLINE

> TIMELINE

```
* PS C:\Users\Administrator> helm version
helm : The term 'helm' is not recognized as the name of a cmdlet, function, script file, or operable
program. Check the spelling of the name, or if a path was included, verify that the path is correct and
try again.
At line:1 char:1
+ helm version
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (helm:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

● PS C:\Users\Administrator> cd C:\helm
● PS C:\helm> helm version
helm : The term 'helm' is not recognized as the name of a cmdlet, function, script file, or operable
program. Check the spelling of the name, or if a path was included, verify that the path is correct and
try again.
At line:1 char:1
+ helm version
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (helm:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

○ PS C:\helm> █
```

```
PS C:\Users\Administrator\Desktop\kubernetes> helm version
@ helm : The term 'helm' is not recognized as the name of a cmdlet, function, script file, or operable
program. Check the spelling of the name, or if a path was included, verify that the path is correct and
try again.
At line:1 char:1
+ helm version
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (helm:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException
```

Activate Windows  
Get Started

The screenshot shows a code editor interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, ...
- Search Bar:** project [Administrator]
- Left Sidebar:**
  - EXPLORER:** PROJECT (html, index.html), docker-compose.yaml
  - OUTLINE:** No symbols found in document 'Untitled-1'
  - TIMELINE:** Untitled-1
- Terminal:** Untitled-1 (powershell)
  - Output:

```
PS C:\Users\Administrator\Documents\project> cd kubernetes
cd : Cannot find path 'C:\Users\Administrator\Documents\project\kubernetes' because it does not exist.
At line:1 char:1
+ cd kubernetes
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (C:\Users\Admin...ject\kubernetes:String) [Set-Location], ItemNotFoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand
```
  - Suggested Actions:
    - Build Workspace
    - Show Config
  - Build with Agent
  - AI responses may be inaccurate.
  - Generate Agent Instructions to onboard AI onto your codebase.
- Bottom Status Bar:** Type here to search, various icons, Ln 1, Col 1, Spaces: 4, UTF-8, CRLF, Plain Text, 12:49, ENG, 15-01-2026, 3 notifications

```
PS C:\Users\Administrator\Desktop\kubernets-wipro> kubectl get namespace
NAME        STATUS   AGE
default     Active   18m
kube-node-lease  Active   18m
● kube-public    Active   18m
kube-system     Active   18m
PS C:\Users\Administrator\Desktop\kubernets-wipro> kubectl get namespace -o wide
NAME        STATUS   AGE
default     Active   19m
● kube-node-lease  Active   19m
kube-public    Active   19m
kube-system     Active   19m
PS C:\Users\Administrator\Desktop\kubernets-wipro> kubectl create ns wipro
namespace/wipro created
● PS C:\Users\Administrator\Desktop\kubernets-wipro> kubectl get ns
● NAME        STATUS   AGE
default     Active   19m
kube-node-lease  Active   19m
kube-public    Active   19m
kube-system     Active   19m
wipro       Active   8s
```