

```
File Edit Selection View Go Run Terminal Help index.html - work - Visual Studio Code
app.py dockerfile requirements.txt index.html X mysql.yaml
newa > index.html > html
1 <html>
PROBLEMS DEBUG CONSOLE TERMINAL OUTPUT kubectl + v ... X
Unable to connect to the server: dial tcp 127.0.0.1:9418: connect: No connection could be made because the target machine actively refused it.
PS D:\work> minikube start
minikube v1.30.1 on Microsoft Windows 10 Pro For Workstations 10.0.19045.2846 Build 19045.2846
* Using the docker driver based on existing profile
* Starting control plane node minikube in cluster minikube
* Pulling base image ...
* Restarting existing docker container for "minikube" ...
* Preparing Kubernetes v1.26.3 on Docker 23.0.2 ...
* Verifying Kubernetes components...
  * Using image gcr.io/k8s-minikube/storage-provisioner:v5
  * Using image docker.io/kubernetes/dashboard:v2.7.0
  * Using image docker.io/kubernetes/metrics-scraper:v1.0.8
  * Some dashboard features require the metrics-server addon. To enable all features please run:
    minikube addons enable metrics-server
* Enabled addons: storage-provisioner, default-storageclass, dashboard
* Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
PS D:\work> kubectl create deployment pod2 --image=sarthakd112/demo:project_k8s
deployment.apps/pod2 created
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag 0/1 ImagePullBackOff 0 19h
imag-57596d9bd9-9zgdg 0/1 CrashLoopBackOff 102 (29s ago) 4d19h
pod1-6d45796669-pdr1p 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-s474x 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-vfb6b 0/1 ImagePullBackOff 0 18h
pod2-5cf74985c-tn888 0/1 ContainerCreating 0 10s
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag 0/1 ImagePullBackOff 0 19h
imag-57596d9bd9-9zgdg 0/1 CrashLoopBackOff 102 (42s ago) 4d19h
Ln 27, Col 8 Spaces: 2 UTF-8 CRLF HTML 32°C Sunny 3:08 PM 03-May-23
```

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PROBLEMS DEBUG CONSOLE TERMINAL OUTPUT
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag 0/1 ImagePullBackOff 0 19h
imag-57596d9bd9-9zgdg 0/1 CrashLoopBackOff 102 (42s ago) 4d19h
pod1-6d45796669-pdr1p 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-vfb6b 0/1 ImagePullBackOff 0 18h
pod2-5cf74985c-tn888 0/1 ContainerCreating 0 23s
NAME READY STATUS RESTARTS AGE
imag 0/1 ImagePullBackOff 0 19h
imag-57596d9bd9-9zgdg 0/1 CrashLoopBackOff 102 (69s ago) 4d19h
pod1-6d45796669-4xnhh 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-pdr1p 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-s474x 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-vfb6b 0/1 ImagePullBackOff 0 18h
pod2-5cf74985c-tn888 0/1 ContainerCreating 0 50s
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag 0/1 ImagePullBackOff 0 19h
imag-57596d9bd9-9zgdg 0/1 CrashLoopBackOff 102 (101s ago) 4d19h
pod1-6d45796669-4xnhh 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-pdr1p 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-s474x 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-vfb6b 0/1 ImagePullBackOff 0 18h
pod2-5cf74985c-tn888 0/1 ContainerCreating 0 82s
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag 0/1 ImagePullBackOff 0 19h
imag-57596d9bd9-9zgdg 0/1 CrashLoopBackOff 102 (2m19s ago) 4d19h
pod1-6d45796669-4xnhh 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-pdr1p 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-s474x 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-vfb6b 0/1 ImagePullBackOff 0 18h
pod2-5cf74985c-tn888 1/1 Running 0 2m
0 0
```

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PROBLEMS  DEBUG CONSOLE  TERMINAL  OUTPUT

pod1-6d45796669-s474x  0/1  ImagePullBackOff  0      18h
pod1-6d45796669-vfb6b  0/1  ImagePullBackOff  0      18h
pod2-5cf74985c-tn888   1/1  Running           0      2m
PS D:\work> kubectl expose deployment pod2 --type=ClusterIP --port 9090
service/pod2 exposed
PS D:\work> kubectl port-forward pod2-5cf74985c-tn888
error: TYPE/NAME and list of ports are required for port-forward
See 'kubectl port-forward -h' for help and examples
PS D:\work> kubectl port-forward -h
Forward one or more local ports to a pod.

Use resource type/name such as deployment/mydeployment to select a pod. Resource type defaults to 'pod' if omitted.

If there are multiple pods matching the criteria, a pod will be selected automatically. The forwarding session ends
when the selected pod terminates, and a rerun of the command is needed to resume forwarding.

Examples:
# Listen on ports 5000 and 6000 locally, forwarding data to/from ports 5000 and 6000 in the pod
kubectl port-forward pod/mypod 5000 6000

# Listen on ports 5000 and 6000 locally, forwarding data to/from ports 5000 and 6000 in a pod selected by the
kubectl port-forward deployment/mydeployment 5000 6000

# Listen on port 8443 locally, forwarding to the targetPort of the service's port named "https" in a pod selected by
the service
kubectl port-forward service/myervice 8443:https

# Listen on port 8888 locally, forwarding to 5000 in the pod
kubectl port-forward pod/mypod 8888:5000

# Listen on port 8888 on all addresses, forwarding to 5000 in the pod

# Listen on port 8888 on localhost and selected IP, forwarding to 5000 in the pod
```

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PROBLEMS  DEBUG CONSOLE  TERMINAL  OUTPUT

# Listen on port 8888 on all addresses, forwarding to 5000 in the pod

# Listen on port 8888 on localhost and selected IP, forwarding to 5000 in the pod
kubectl port-forward --address localhost,10.19.21.23 pod/mypod 8888:5000

# Listen on a random port locally, forwarding to 5000 in the pod
kubectl port-forward pod/mypod :5000

Options:
--address=[localhost]:
    Addresses to listen on (comma separated). Only accepts IP addresses or localhost as a value. When localhost is
    available to bind.

--pod-running-timeout=1m0s:
    The length of time (like 5s, 2m, or 3h, higher than zero) to wait until at least one pod is running

Usage:

PS D:\work> Kubectl port-forward pod2-5cf74985c-tn888 9090:8080
Forwarding from 127.0.0.1:9090 -> 8080
Forwarding from [::1]:9090 -> 8080
Handling connection for 9090
Handling connection for 9090
E0503 10:44:56.601848 1912 portforward.go:406] an error occurred forwarding 9090 -> 8080: error forwarding port 8080 to pod f18932b436859be788f4f5c500dee19f4
35949a2ed72786d49232e4c6cd88dbc, uid : exit status 1: 2023/05/03 05:14:56 socat[17882] E connect(5, AF=2 127.0.0.1:8080, 16): Connection refused
E0503 10:44:56.601848 1912 portforward.go:406] an error occurred forwarding 9090 -> 8080: error forwarding port 8080 to pod f18932b436859be788f4f5c500dee19f4
E0503 10:44:56.621201 1912 portforward.go:234] lost connection to pod
PS D:\work> Kubectl port-forward pod2-5cf74985c-tn888 9090:9090
Forwarding from [::1]:9090 -> 9090
Handling connection for 9090
E0503 10:47:07.735022 14868 portforward.go:406] an error occurred forwarding 9090 -> 9090: error forwarding port 9090 to pod f18932b436859be788f4f5c500dee19f4
35949a2ed72786d49232e4c6cd88dbc, uid : exit status 1: 2023/05/03 05:17:07 socat[20179] E connect(5, AF=2 127.0.0.1:9090, 16): Connection refused
```

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File Edit Selection View Go Run Terminal Help index.html - work - Visual Studio Code
app.py dockerfile requirements.txt index.html X mysql.yaml
newa > index.html > html
1 <html>

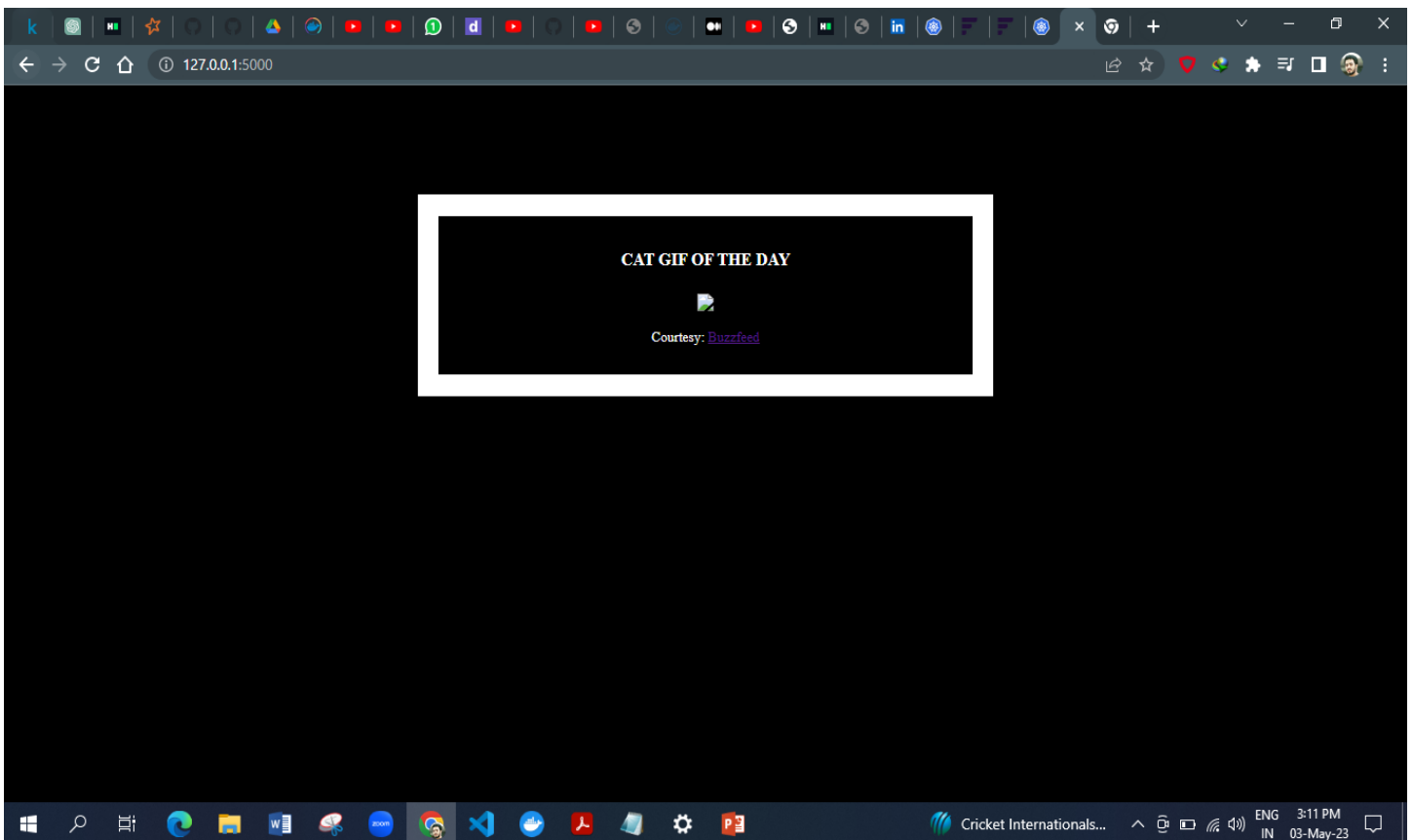
PROBLEMS DEBUG CONSOLE TERMINAL OUTPUT
E0503 10:47:07.735022 14868 portforward.go:406] an error occurred forwarding 9090 -> 9090: error forwarding port 9090 to pod f18932b436859be788f4f5c500dee19f4
35949a2ed72786d49232e4c6cd88dbc, uid : exit status 1: 2023/05/03 05:17:07 socat[20179] E connect(5, AF=2 127.0.0.1:9090, 16): Connection refused
E0503 10:47:07.735022 14868 portforward.go:406] an error occurred forwarding 9090 -> 9090: error forwarding port 9090 to pod f18932b436859be788f4f5c500dee19f4
35949a2ed72786d49232e4c6cd88dbc, uid : exit status 1: 2023/05/03 05:17:07 socat[20180] E connect(5, AF=2 127.0.0.1:9090, 16): Connection refused
E0503 10:47:07.760885 14868 portforward.go:234] lost connection to pod
Handling connection for 9090
PS D:\work> kubectl logs pod2-5cf74985c-tn888
* Environment: production
* Debug mode: off
PS D:\work> kubectl expose deployment pod2 --type=ClusterIP --port 5000
Error from server (AlreadyExists): services "pod2" already exists
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag 0/1 ImagePullBackOff 0 19h
imag-57596d9bd9-9zgdg 0/1 Error 107 (5m19s ago) 4d19h
pod1-6d45796669-4xnhh 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-pdr1p 0/1 ImagePullBackOff 0 18h
pod1-6d45796669-vfb6b 0/1 ImagePullBackOff 0 18h
pod2-5cf74985c-tn888 1/1 Running 0 20m
PS D:\work> kubectl delete pod pod1-6d45796669-pdr1p
pod "pod1-6d45796669-pdr1p" deleted
PS D:\work> kubectl delete pod pod1-6d45796669-s474x
pod "pod1-6d45796669-s474x" deleted
PS D:\work> kubectl delete pod pod1-6d45796669-vfb6b
pod "pod1-6d45796669-vfb6b" deleted
NAME READY STATUS RESTARTS AGE
imag-57596d9bd9-9zgdg 0/1 CrashLoopBackOff 123 (66s ago) 4d22h
pod1-6d45796669-sm86g 0/1 ImagePullBackOff 0 34s
pod1-6d45796669-tjp8w 0/1 ErrImagePull 0 16s
pod1-6d45796669-xppng 0/1 ContainerCreating 0 4s
pod2-5cf74985c-tn888 1/1 Running 0 3h41m
PS D:\work> kubectl delete pod pod1-6d45796669-pdr1p -p '{"metadata":{"finalizers":null}}'
```

```
File Edit Selection View Go Run Terminal Help index.html - work - Visual Studio Code
app.py dockerfile requirements.txt index.html X mysql.yaml
newa > index.html > html
1 <html>

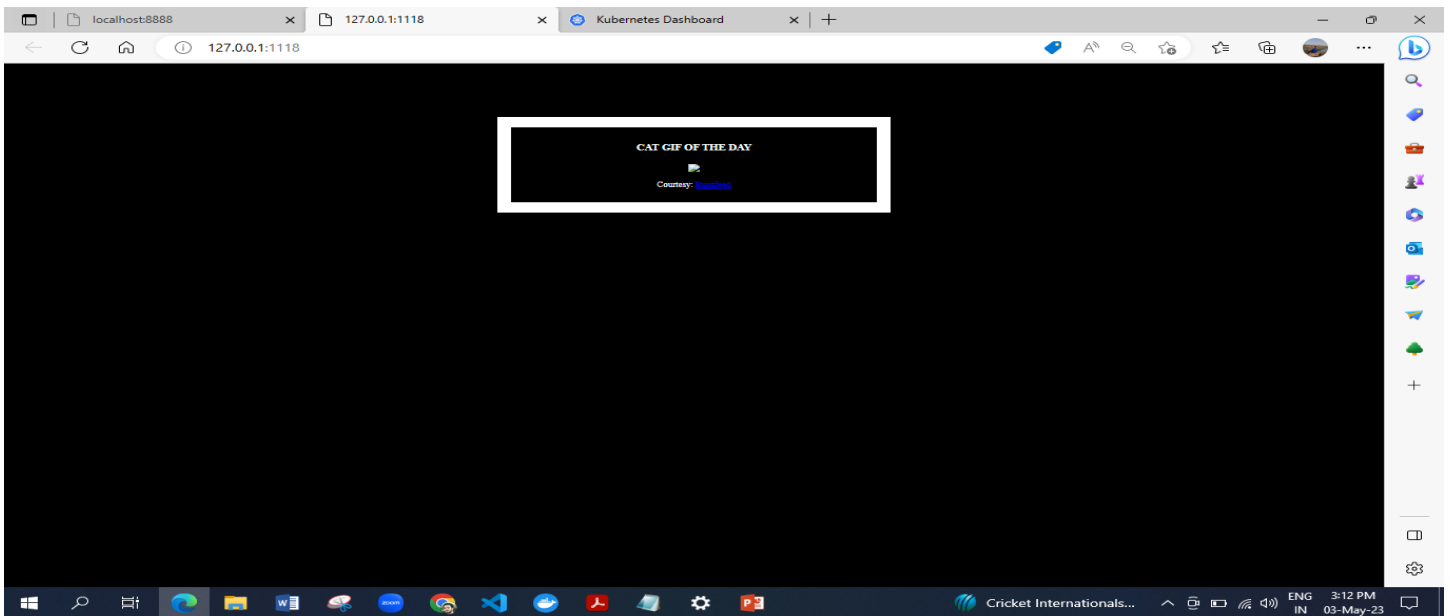
PROBLEMS DEBUG CONSOLE TERMINAL OUTPUT
pod2-5cf74985c-tn888 1/1 Running 0 3h41m
PS D:\work> kubectl delete pod pod1-6d45796669-pdr1p -p '{"metadata":{"finalizers":null}}'
error: unknown shorthand flag: 'p' in -p
See 'kubectl delete --help' for usage.
pod "imag-57596d9bd9-9zgdg" deleted
NAME READY STATUS RESTARTS AGE
imag-57596d9bd9-nwc8k 0/1 ContainerCreating 0 7s
pod1-6d45796669-4xnhh 0/1 ImagePullBackOff 0 22h
pod1-6d45796669-tjp8w 0/1 ImagePullBackOff 0 7m22s
pod2-5cf74985c-tn888 1/1 Running 0 3h48m
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag 0/1 ImagePullBackOff 0 23h
imag-57596d9bd9-nwc8k 0/1 CrashLoopBackOff 1 (2s ago) 16s
pod1-6d45796669-4xnhh 0/1 ErrImagePull 0 22h
pod1-6d45796669-sm86g 0/1 ImagePullBackOff 0 7m49s
pod1-6d45796669-xppng 0/1 ImagePullBackOff 0 7m19s
PS D:\work> kubectl delete pod imag
pod "imag" deleted
PS D:\work> kubectl delete pod imag-57596d9bd9-9zgdg
Error from server (NotFound): pods "imag-57596d9bd9-9zgdg" not found
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag-57596d9bd9-nwc8k 0/1 Error 2 (26s ago) 40s
pod1-6d45796669-4xnhh 0/1 ImagePullBackOff 0 22h
pod1-6d45796669-tjp8w 0/1 ImagePullBackOff 0 7m55s
pod2-5cf74985c-tn888 1/1 Running 0 3h49m
PS D:\work> kubectl delete pod imag-57596d9bd9-nwc8k
PS D:\work> kubectl delete pod pod1-6d45796669-4xnhh
pod "pod1-6d45796669-4xnhh" deleted
PS D:\work> kubectl delete pod pod1-6d45796669-sm86g
pod "pod1-6d45796669-sm86g" deleted
PS D:\work> kubectl delete pod ^C
```

```
File Edit Selection View Go Run Terminal Help index.html - work - Visual Studio Code
app.py dockerfile requirements.txt index.html x mysql.yaml
newa > > index.html > html
1 <html>

PROBLEMS DEBUG CONSOLE TERMINAL OUTPUT
PS D:\work> kubectl delete pod ^C
PS D:\work> kubectl delete pod pod1-6d45796669-xppng
pod "pod1-6d45796669-xppng" deleted
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag-57596d9bd9-2c7m6 0/1 CrashLoopBackOff 2 (15s ago) 47s
pod1-6d45796669-4htrv 0/1 ImagePullBackOff 0 27s
pod1-6d45796669-6xwvk 0/1 ContainerCreating 0 4s
pod1-6d45796669-6zjw4 0/1 ImagePullBackOff 0 37s
pod1-6d45796669-tjp8w 0/1 ImagePullBackOff 0 8m55s
pod2-5cf74985c-tn888 1/1 Running 0 3h50m
PS D:\work> kubectl create deployment pod3 --image=sarthakd112/demo:project_k8s
deployment.apps/pod3 created
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag-57596d9bd9-2c7m6 0/1 CrashLoopBackOff 9 (4m25s ago) 26m
pod1-6d45796669-4htrv 0/1 ImagePullBackOff 0 25m
pod1-6d45796669-6xwvk 0/1 ImagePullBackOff 0 25m
pod1-6d45796669-6zjw4 0/1 ImagePullBackOff 0 26m
pod1-6d45796669-tjp8w 0/1 ImagePullBackOff 0 34m
pod2-5cf74985c-tn888 1/1 Running 0 4h15m
pod3-5b6f6865f4-pdmlr 1/1 Running 0 3s
PS D:\work> kubectl expose deployment pod3 --type=ClusterIP --port 5000
service/pod3 exposed
PS D:\work> kubectl port-forward pod3-5b6f6865f4-pdmlr
error: TYPE/NAME and list of ports are required for port-forward
See 'kubectl port-forward -h' for help and examples
PS D:\work> kubectl port-forward pod3-5b6f6865f4-pdmlr 5000:5000
Forwarding from 127.0.0.1:5000 -> 5000
Forwarding from [::1]:5000 -> 5000
Handling connection for 5000
Handling connection for 5000
[]
```



```
PROBLEMS  DEBUG CONSOLE  TERMINAL  OUTPUT
PS D:\work> minikube service pod3
-----|-----|-----|-----|
|NAMESPACE|NAME|TARGET PORT|URL|
|-----|-----|-----|-----|
|default|pod3|No node port|
|-----|-----|-----|-----|
🔥 service default/pod3 has no node port
🔥 Starting tunnel for service pod3.
-----|-----|-----|-----|
|NAMESPACE|NAME|TARGET PORT|URL|
|-----|-----|-----|-----|
|default|pod3|http://127.0.0.1:1118|
|-----|-----|-----|-----|
🔥 Opening service default/pod3 in default browser...
🔥 Because you are using a Docker driver on windows, the terminal needs to be open to run it.
```



```
File Edit Selection View Go Run Terminal Help
index.html - work - Visual Studio Code
newa > index.html > html
1 <html>
PROBLEMS  DEBUG CONSOLE  TERMINAL  OUTPUT
PS D:\work> kubectl describe pod3
error: the server doesn't have a resource type "pod3"
PS D:\work> kubectl describe pod3-5b6f6865f4-pdmlr
error: the server doesn't have a resource type "pod3-5b6f6865f4-pdmlr"
PS D:\work> kubectl describe pod pod3-5b6f6865f4-pdmlr
Name:          pod3-5b6f6865f4-pdmlr
Namespace:     default
Priority:       0
Service Account: default
Node:          minikube/192.168.49.2
Start Time:    Wed, 03 May 2023 14:52:36 +0530
Labels:        app=pod3
               pod-template-hash=5b6f6865f4
Annotations:   <none>
Status:        Running
IP:            10.244.0.37
IPs:           IP: 10.244.0.37
Controlled By: ReplicaSet/pod3-5b6f6865f4
Containers:
  demo:
    Container ID:  docker://eb5d80c03d537103127bf20380e7719a871a533f35c9ba012b52ec05f7912f71
    Image:          sarthakd112/demo:project_k8s
    Image ID:       docker-pullable://sarthakd112/demo@sha256:3509ca163eab7b778b8e2def4406683e5e998bfa07443d89726ea499339960e7
    Port:           <none>
    State:          Running
      Started:      Wed, 03 May 2023 14:52:37 +0530
    Ready:          True
    Restart Count:  0
    Mounts:
      /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-mbglm (ro)
Conditions:
  Type  Status
```

```
File Edit Selection View Go Run Terminal Help index.html - work - Visual Studio Code
app.py dockerfile requirements.txt index.html x mysql.yaml
newa > index.html > html
1 <html>
PROBLEMS DEBUG CONSOLE TERMINAL OUTPUT
minikube + - - - - - x
Initialized True
Ready True
ContainersReady True
PodScheduled True
Volumes:
kube-api-access-mbglm:
Type: Projected (a volume that contains injected data from multiple sources)
TokenExpirationSeconds: 3607
ConfigMapName: kube-root-ca.crt
ConfigMapOptional: <nil>
DownwardAPI: true
QoS Class: BestEffort
Node-Selectors: <none>
Tolerations: node.kubernetes.io/not-ready:NoExecute op=Exists for 300s
node.kubernetes.io/unreachable:NoExecute op=Exists for 300s
Events:
Type Reason Age From Message
-----
Normal Scheduled 10m default-scheduler Successfully assigned default/pod3-5b6f6865f4-pdmlr to minikube
Normal Pulled 10m kubelet Container image "sarthakd112/demo:project_k8s" already present on machine
Normal Created 10m kubelet Created container demo
Normal Started 10m kubelet Started container demo
PS D:\work> kubectl get services
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 6d
pod2 ClusterIP 10.98.169.168 <none> 9090/TCP 4h22m
pod3 ClusterIP 10.110.6.123 <none> 5000/TCP 10m
PS D:\work> minikube dashboard
🔍 Verifying dashboard health ...
🚀 Launching proxy ...
🔍 Verifying proxy health ...
🌐 Opening http://127.0.0.1:1361/api/v1/namespaces/kubernetes-dashboard/services/http:kubernetes-dashboard:/proxy/ in your default browser...
```

localhost:8888127.0.0.1:1118Kubernetes Dashboard

127.0.0.1:1361/api/v1/namespaces/kubernetes-dashboard/services/http:kubernetes-dashboard:/proxy/#/workloads?namespa...

kubernetes

default

Search

Workloads

Workloads

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Ingress Classes

Services

Config and Storage

Config Maps

Persistent Volume Claims

Secrets

Storage Classes

Cluster

Cluster Role Bindings

Cluster Roles

Events

Namespaces

Network Policies

Workload Status

Failed: 2Running: 2

Deployments

Failed: 5Running: 4

Pods

Failed: 2Running: 2

Replica Sets

Deployments

Name	Images	Labels	Pods	Created
pod3	sarthakd112/demo:project_k8s	app: pod3	3 / 3	20 minutes ago
pod2	sarthakd112/demo:project_k8s	app: pod2	1 / 1	4 hours ago
pod1	name	app: pod1	0 / 4	22 hours ago
imag	mysql	app: imag	1 / 1	4 days ago

Pods

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created
pod3-5b6f6865f4-5q5rm	sarthakd112/demo:project_k8s	app: pod3	minikube	Running	0	-	-	4 minutes ago

32°C Sunny

3:13 PM

03-May-23

localhost:8888 x 127.0.0.1:1118 x Kubernetes Dashboard x +

127.0.0.1:1361/api/v1/namespaces/kubernetes-dashboard/services/http:kubernetes-dashboard/proxy/#/workloads?namespa...

kubernetes default Search

Workloads

- Workloads
- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets
- Service
- Ingresses
- Ingress Classes
- Services
- Config and Storage
- Config Maps
- Persistent Volume Claims
- Secrets
- Storage Classes
- Cluster
- Cluster Role Bindings
- Cluster Roles
- Events
- Namespaces
- Network Policies

Name	Image	Labels	Pods	Created
pod3-5b6f6865f4-bnr29	sarthakd112/demo:project_k8s	app: pod3 pod-template-hash: 5b6f6865f4	minikube	Running 0 - - 5 minutes ago
pod3-5b6f6865f4-pdmlr	sarthakd112/demo:project_k8s	app: pod3 pod-template-hash: 5b6f6865f4	minikube	Running 0 - - 20 minutes ago
pod1-6d45796669-6xwpk	name	app: pod1 pod-template-hash: 6d45796669	minikube	ImagePullBackOff 0 - - 45 minutes ago
pod1-6d45796669-4htrv	name	app: pod1 pod-template-hash: 6d45796669	minikube	ImagePullBackOff 0 - - 45 minutes ago
pod1-6d45796669-6zjw4	name	app: pod1 pod-template-hash: 6d45796669	minikube	ImagePullBackOff 0 - - 46 minutes ago
imag-57596d9bd9-2c7m6	mysql	app: imag pod-template-hash: 57596d9bd9	minikube	CrashLoopBackOff 13 - - 46 minutes ago
pod1-6d45796669-tjp8w	name	app: pod1 pod-template-hash: 6d45796669	minikube	ImagePullBackOff 0 - - 54 minutes ago
pod2-5cf74985c-tn888	sarthakd112/demo:project_k8s	app: pod2 pod-template-hash: 5cf74985c	minikube	Running 0 - - 4 hours ago

Replica Sets

Name	Images	Labels	Pods	Created
pod3-5b6f6865f4	sarthakd112/demo:project_k8s	app: pod3 pod-template-hash: 5b6f6865f4	3 / 3	20 minutes ago
pod2-5cf74985c	sarthakd112/demo:project_k8s	app: pod2 pod-template-hash: 5cf74985c	1 / 1	4 hours ago
pod1-6d45796669	name	app: pod1 pod-template-hash: 6d45796669	0 / 4	22 hours ago
imag-57596d9bd9	mysql	app: imag pod-template-hash: 57596d9bd9	1 / 1	4 days ago

Very high UV 3:13 PM 03-May-23

PROBLEMS DEBUG CONSOLE TERMINAL OUTPUT

```
PS D:\work> kubectl top pods
error: Metrics API not available
PS D:\work> kubectl scale deployment --replicas=3 pod3
deployment.apps/pod3 scaled
PS D:\work> kubectl get pods
NAME                                READY    STATUS              RESTARTS      AGE
imag-57596d9bd9-2c7m6              0/1     CrashLoopBackOff    12 (4m36s ago) 41m
pod1-6d45796669-6xwpk              0/1     ImagePullBackOff    0              41m
pod1-6d45796669-6zjw4              0/1     ImagePullBackOff    0              41m
pod1-6d45796669-tjp8w              0/1     ImagePullBackOff    0              50m
pod2-5cf74985c-tn888               1/1     Running             0              4h31m
pod3-5b6f6865f4-5q5rm              0/1     ContainerCreating   0              12s
pod3-5b6f6865f4-bnr29              0/1     ContainerCreating   0              12s
pod3-5b6f6865f4-pdmlr              1/1     Running             0              15m
PS D:\work> kubectl get pods
NAME                                READY    STATUS              RESTARTS      AGE
imag-57596d9bd9-2c7m6              0/1     CrashLoopBackOff    12 (4m46s ago) 42m
pod1-6d45796669-6xwpk              0/1     ImagePullBackOff    0              41m
pod1-6d45796669-6zjw4              0/1     ImagePullBackOff    0              41m
pod1-6d45796669-tjp8w              0/1     ImagePullBackOff    0              50m
pod2-5cf74985c-tn888               1/1     Running             0              4h31m
pod3-5b6f6865f4-5q5rm              1/1     Running             0              22s
pod3-5b6f6865f4-bnr29              1/1     Running             0              22s
pod3-5b6f6865f4-pdmlr              1/1     Running             0              15m
PS D:\work> kubectl scale deployment --replicas=1 pod3
deployment.apps/pod3 scaled
```

```
pod3-5b6f6865f4-pdmlr 1/1 Running 0 21m
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag-57596d9bd9-2c7m6 0/1 CrashLoopBackOff 13 (5m4s ago) 47m
pod1-6d45796669-4htrv 0/1 ImagePullBackOff 0 47m
pod1-6d45796669-6xwvk 0/1 ImagePullBackOff 0 46m
pod1-6d45796669-6zjw4 0/1 ImagePullBackOff 0 47m
pod1-6d45796669-tjp8w 0/1 ImagePullBackOff 0 55m
pod2-5cf74985c-tn888 1/1 Running 0 4h37m
pod3-5b6f6865f4-5q5rm 1/1 Terminating 0 5m49s
pod3-5b6f6865f4-bnr29 1/1 Terminating 0 5m49s
pod3-5b6f6865f4-pdmlr 1/1 Running 0 21m
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag-57596d9bd9-2c7m6 0/1 Error 14 (5m16s ago) 47m
pod1-6d45796669-4htrv 0/1 ImagePullBackOff 0 47m
pod1-6d45796669-6xwvk 0/1 ImagePullBackOff 0 47m
pod1-6d45796669-6zjw4 0/1 ImagePullBackOff 0 47m
pod1-6d45796669-tjp8w 0/1 ImagePullBackOff 0 55m
pod2-5cf74985c-tn888 1/1 Running 0 4h37m
pod3-5b6f6865f4-5q5rm 1/1 Terminating 0 6m1s
pod3-5b6f6865f4-bnr29 1/1 Terminating 0 6m1s
pod3-5b6f6865f4-pdmlr 1/1 Running 0 21m
PS D:\work> kubectl get pods
NAME READY STATUS RESTARTS AGE
imag-57596d9bd9-2c7m6 0/1 CrashLoopBackOff 14 (40s ago) 48m
pod1-6d45796669-4htrv 0/1 ImagePullBackOff 0 48m
pod1-6d45796669-6xwvk 0/1 ImagePullBackOff 0 47m
pod1-6d45796669-6zjw4 0/1 ImagePullBackOff 0 48m
pod1-6d45796669-tjp8w 0/1 ImagePullBackOff 0 56m
pod2-5cf74985c-tn888 1/1 Running 0 4h37m
pod3-5b6f6865f4-pdmlr 1/1 Running 0 22m
PS D:\work>
```