

Assisted Practice Project3-

Problem 1

```
Windows Command Prompt
Microsoft Windows [Version 10.0.19045.3208]
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C:\Users\vsviswasankar>
G:\>mkdir project1
G:\>cd project1
G:\project1>git clone https://github.com/Anuj1990/Docker.git
Cloning into 'Docker'...
remote: Enumerating objects: 168, done.
remote: Counting objects: 100K (50/50), done.
remote: Compressing objects: 100% (37/37), done.
remote: Total 168 (delta 47), reused 33 (delta 33), pack-reused 118Receiving objects: 64% (108/168)
Resolving deltas: 100% (73/73), done.
Resolving deltas: 100% (73/73), done.

G:\project1>cd docker
G:\project1\docker>docker build -t phpcode .
[+] Building 1.3s (12/12) FINISHED
=> [internal] load .dockerignore
=> [internal] transfer context: 2B
=> [internal] load build definition from Dockerfile
=> [internal] transfer dockerfile: 574B
=> [internal] transfer context: 2B
=> [internal] load metadata for docker.io/library/ubuntu:latest
[1/7] FROM docker.io/library/ubuntu:latest@sha256:0bcd47fffa3361afa981854fcabcd4577cd43cebbb808cea2bf33a3dd
0.0s
=> [internal] load build context
=> [internal] transfer context: 153.37KB
=> CACHED [2/7] RUN apt-get update -y
=> CACHED [3/7] RUN apt-get install -y git curl apache2 php libapache2-mod-php php-mysql
=> CACHED [4/7] RUN rm -rf /var/www/html/*
=> CACHED [5/7] ADD www /var/www/html/
=> CACHED [6/7] RUN a2enmod rewrite
=> CACHED [7/7] RUN chown -R www-data:www-data /var/www/html
=> exporting to image
=> exporting layers
=> writing image sha256:6185fee710e968351beca32b551d6d7b62a1aa4b6e3f0293b8118aec34ebc7f7
=> naming to docker.io/library/phpcode

What's Next?
View summary of image vulnerabilities and recommendations + docker scout quickview

G:\project1\docker>docker images
REPOSITORY          TAG      IMAGE ID            CREATED             SIZE
phpcode             latest   6185fee710e9       5 minutes ago    276MB
dockermemo          latest   c47ffc91f2b4     30 minutes ago   313MB

```

Problem 2

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19045.3208]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>
G:\>cd project1
G:\project1>cd docker
G:\project1\docker>docker build -t phpcode .
[+] Building 2.5s (13/13) FINISHED
=> [internal] load .dockerignore
=> [internal] transfer context: 2B
=> [internal] load build definition from Dockerfile
=> [internal] transfer dockerfile: 574B
=> [internal] load metadata for docker.io/library/ubuntu:latest
[auth] library/ubuntu:pull token for registry-1.docker.io
[1/7] FROM docker.io/library/ubuntu:latest@sha256:0bcd47fffa3361afa981854fcabcd4577cd43cebbb808cea2bf33a3dd
0.0s
=> [internal] load build context
=> [internal] transfer context: 153.37KB
=> CACHED [2/7] RUN apt-get update -y
=> CACHED [3/7] RUN apt-get install -y git curl apache2 php libapache2-mod-php php-mysql
=> CACHED [4/7] RUN rm -rf /var/www/html/*
=> CACHED [5/7] ADD www /var/www/html/
=> CACHED [6/7] RUN a2enmod rewrite
=> CACHED [7/7] RUN chown -R www-data:www-data /var/www/html
=> exporting to image
=> exporting layers
=> writing image sha256:6185fee710e968351beca32b551d6d7b62a1aa4b6e3f0293b8118aec34ebc7f7
=> naming to docker.io/library/phpcode

What's Next?
View summary of image vulnerabilities and recommendations + docker scout quickview

G:\project1\docker>docker image
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
```

```

Administrator: Command Prompt

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.

G:\project1\Dockerdocker images
REPOSITORY          TAG      IMAGE ID      CREATED     SIZE
owlapp/my-morning-spring-app  latest   b2f3566a2989  25 minutes ago  319MB
my-morning-spring-app        latest   b2f3566a2989  25 minutes ago  319MB
sivasankarkopparapu/my-phpapp  latest   6185fee710e9  18 hours ago   276MB
my-phpapp                  latest   6185fee710e9  18 hours ago   276MB
phpcode                   latest   6185fee710e9  18 hours ago   276MB
dockerdemo                latest   c47fffc91f2b4  18 hours ago   511MB

[*] Building 2.1s (12/12) FINISHED
--> [internal] load build definition from Dockerfile
--> [internal] transfer dockerfile: 574B
--> [internal] load .dockerignore
--> [internal] transfer context: 2B
--> [internal] load metadata for docker.io/library/ubuntu:latest
--> [1/7] FROM docker.io/library/ubuntu:latest@sha256:0bcd47ffa3361afa981854fcabcd4577cd43cebbb808cea2b1f33a3dd 0.0s
--> [internal] load built context
--> [internal] transfer context: 323B
--> [2/7] RUN apt-get update -y
--> CACHED [2/7] RUN apt-get install -y git curl apache2 php libapache2-mod-php php-mysql
--> CACHED [3/7] RUN curl -s https://raw.githubusercontent.com/docker-library/ubuntu/2.18.0-10.0.0/debian/patches/0001-Add-apt-cacher-fix-for-apt-get-update.patch | patch -p1
--> CACHED [4/7] RUN curl -s https://raw.githubusercontent.com/docker-library/ubuntu/2.18.0-10.0.0/debian/patches/0002-Add-apt-cacher-fix-for-apt-get-update.patch | patch -p1
--> CACHED [5/7] ADD src /var/www/html/
--> CACHED [6/7] RUN a2enmod rewrite
--> CACHED [7/7] RUN chown -R www-data:www-data /var/www/html
--> exporting to image
--> exporting layers
-->> writing image sha256:6185fee710e968351beca32b551d6d7b62a1aa4b6e3f0293b8118aec34ebc7f7
-->> naming to docker.io/library/docker_python

What's Next?
View summary of image vulnerabilities and recommendations → docker scout quickview
G:\project1\Dockerdocker run -d --name docker_pythonContainer -p 80:80 docker_python

```

```

Administrator: Command Prompt

What's Next?
View summary of image vulnerabilities and recommendations → docker scout quickview

G:\project1\Dockerdocker run -d --name docker_pythonContainer -p 80:80 docker_python
8994aa61fa18a26ab89633df2ae949b8dfb845cc754aa354eb43c500b2487a27
docke: Error response from daemon: driver failed programming external connectivity on endpoint docker_pythonContainer (47b21b468ccfbce1384cc739fdc8c0dd530508e00973884c03ee1c3b7aa7aaaf): Bind for 0.0.0.0:80 failed
ed: port is already allocated.

G:\project1\Dockerdocker run -d --name docker_python1 -p 80:80 docker_python
45423083cd1d330c21db6fec09a0478af5f130c74229a805e92d814e303b1f1fe
docke: Error response from daemon: driver failed programming external connectivity on endpoint docker_python1 (a6e4c8a473627ab64fae4c9b908c755317f4c8e2ac492841d990b92fe5681349): Bind for 0.0.0.0:80 failed: port
is already allocated.

G:\project1\Dockerdocker run -d --name docker_python1 -p 80:80 docker_python
docke: Error response from daemon: Conflict. The container name "docker_python1" is already in use by container "45423083cd1d330c21db6fec09a0478af5f130c74229a805e92d814e303b1f1fe". You have to remove (or rename
) that container to be able to reuse that name.
See 'docke run --help'.

G:\project1\Dockerdocker images
REPOSITORY          TAG      IMAGE ID      CREATED     SIZE
owlapp/my-morning-spring-app  latest   b2f3566a2989  29 minutes ago  319MB
my-morning-spring-app        latest   b2f3566a2989  29 minutes ago  319MB
phpcode                   latest   6185fee710e9  18 hours ago   276MB
sivasankarkopparapu/my-phpapp  latest   6185fee710e9  18 hours ago   276MB
my-phpapp                  latest   6185fee710e9  18 hours ago   276MB
dockerdemo                latest   c47fffc91f2b4  18 hours ago   511MB

G:\project1\Dockerdocker stop 6185fee710e9
Error response from daemon: No such container: 6185fee710e9

G:\project1\Dockerdocker ps
CONTAINER ID        IMAGE               COMMAND             CREATED            STATUS              PORTS           NAMES
c34979bdf6a5      my-phpapp           "/usr/sbin/apache2 -_"   4 hours ago       Up 3 hours (Paused)   0.0.0.0:80->80/tcp   MyphpContainer

G:\project1\Dockerdocker stop c34979bdf6a5
G:\project1\Dockerdocker run -d --name docker_python1 -p 80:80 docker_python
docke: Error response from daemon: Conflict. The container name "docker_python1" is already in use by container "45423083cd1d330c21db6fec09a0478af5f130c74229a805e92d814e303b1f1fe". You have to remove (or rename
) that container to be able to reuse that name.
See 'docke run --help'.

G:\project1\Dockerdocker run -d --name docker_pythonC -p 80:80 docker_python
4433c63111adcb9c8e5923ccf3cf8895bb8a47e97765e7b093bebfb3b8bf20cbff

G:\project1\Dockerdocker ps
CONTAINER ID        IMAGE               COMMAND             CREATED            STATUS              PORTS           NAMES
4433c63111ad      docker_python      "/usr/sbin/apache2 -_"   58 seconds ago     Up 57 seconds      0.0.0.0:80->80/tcp   docker_pythonC

```

```

Administrator: Command Prompt
Error response from daemon: No such container: 6185fee710e9

G:\project1\ Docker> docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
c34979bdf6a5 my-phpapp "/usr/sbin/apache2 -" 4 hours ago Up 3 hours (Paused) 0.0.0.0:80->80/tcp MyphpContainer
G:\project1\ Docker> docker stop c34979bdf6a5
c34979bdf6a5

G:\project1\ Docker> docker run -d --name docker_python1 -p 80:80 docker_python
docker: Error response from daemon: Conflict. The container name "/docker_python1" is already in use by container "45423083cd1d330c21db6fec09a0478af5f130c74229a805e92d814e303b1f1e". You have to remove (or rename ) that container to be able to reuse that name.
See 'docker run --help'.

G:\project1\ Docker> docker run -d --name docker_pythonC -p 80:80 docker_python
8433c63111ad docker_pythonC "/usr/sbin/apache2 -" 58 seconds ago Up 57 seconds 0.0.0.0:80->80/tcp docker_pythonC

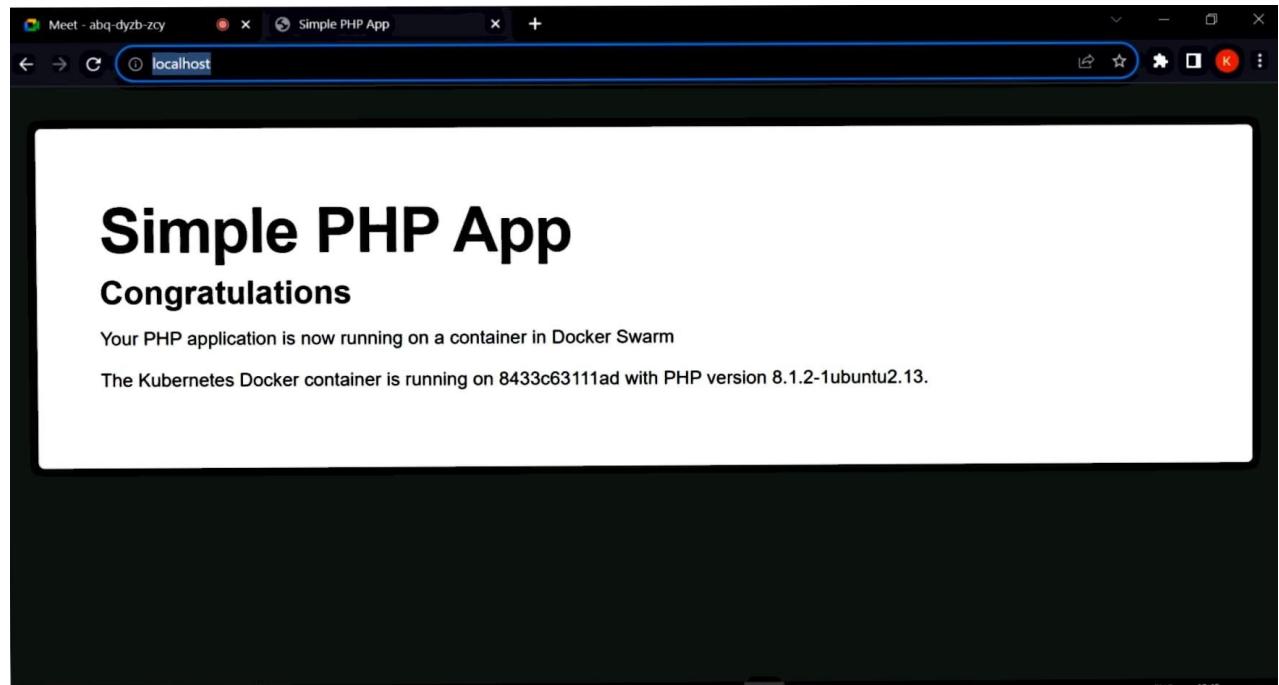
G:\project1\ Docker> docker login -u sivasankarkopparapu
Password:
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/
G:\project1\ Docker> docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
8433c63111ad docker_pythonC "/usr/sbin/apache2 -" 2 minutes ago Up 2 minutes 0.0.0.0:80->80/tcp docker_pythonC

G:\project1\ Docker> docker tag docker_pythonC sivasankarkopparapu/docker_python
G:\project1\ Docker> docker push sivasankarkopparapu/docker_python
The push refers to repository [docker.io/sivasankarkopparapu/docker_python]
eed5ace4802: Mounted from sivasankarkopparapu/my-phpapp
a2659073ee6: Mounted from sivasankarkopparapu/my-phpapp
a0d0f02596a: Mounted from sivasankarkopparapu/my-phpapp
ff0792c6556: Mounted from sivasankarkopparapu/my-phpapp
8ec3cb39940: Mounted from sivasankarkopparapu/my-phpapp
90c6f814802: Mounted from sivasankarkopparapu/my-phpapp
9c56aeef1f4: Mounted from sivasankarkopparapu/my-phpapp
test: digest: sha256:c59077bcff992e50af6d00fc586dd6c74de59ff61c4e7678b73d0aaa57db8da84b size: 1785

G:\project1\ Docker>_

```



Problem 3

```
[cmd] Administrator: Command Prompt
Microsoft Windows [Version 10.0.19045.3288]
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C:\WINDOWS\system32>f:

F:>mrngproject1
'mrngproject1' is not recognized as an internal or external command,
operable program or batch file.

F:>cd mrngproject1
F:\mrngproject1>cd docker
F:\mrngproject1\docker>docker login -u sivasankarkopparapu
Password:
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/
F:\mrngproject1\docker>docker swarm init
Error response from daemon: This node is already part of a swarm. Use "docker swarm leave" to leave this swarm and join another one.

F:\mrngproject1\docker>docker swarm leave
Error response from daemon: You are attempting to leave the swarm on a node that is participating as a manager. Removing the last manager erases all current state of the swarm. Use '--force' to ignore this message.

F:\mrngproject1\docker>docker swarm leave --force
Node left the swarm.

F:\mrngproject1\docker>docker swarm init
Swarm initialized: current node (vbkeczfs2q491dbg8azyghden) is now a manager.

To add a worker to this swarm, run the following command:
  docker swarm join --token SWMTKN-1-0atbp9vr14z3e3484ukp32kaerk0zhjnfg0co9gztv3cavlme-auk5jh74vuiddtqjaqu3ogw 192.168.65.4:2377
To add a manager to this swarm, run 'docker swarm join-token manager' and follow the instructions.

F:\mrngproject1\docker>docker service create -p 80:80 --name webserver my-phpapp
Error response from daemon: my-phpapp:latest could not be accessed on a registry to record its digest. Each node will access my-phpapp:latest independently, possibly leading to different nodes running different versions of the image.

57rq21ijgy47mmAuf1ofjt
overall progress: 1 out of 1 tasks
 1/1: running  [=====>]
verify: Service converged
```

```
[cmd] Administrator: Command Prompt
I/1: running  [=====>]
verify: Service converged

F:\mrngproject1\docker>docker service ls
ID          NAME      MODE      REPLICAS  IMAGE
v57rq21ijgy4  webserver  replicated  1/1    my-phpapp:latest  *:80->80/tcp

F:\mrngproject1\docker>docker node ls
ID          HOSTNAME   STATUS    AVAILABILITY  MANAGER STATUS   ENGINE VERSION
vbkeczfs2q491dbg8azyghden *  docker-desktop  Ready        Active        Leader       24.0.2

F:\mrngproject1\docker>docker service scale=2 webserve
Usage: docker service COMMAND
Manage Swarm services

Commands:
  create      Create a new service
  inspect     Display detailed information on one or more services
  logs        Fetch the logs of a service or task
  ls          List services
  ps          List the tasks of one or more services
  rm          Remove one or more services
  rollback   Revert changes to a service's configuration
  scale       Scale one or multiple replicated services
  update     Update a service

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

F:\mrngproject1\docker>docker service ls
ID          NAME      MODE      REPLICAS  IMAGE
v57rq21ijgy4  webserver  replicated  1/1    my-phpapp:latest  *:80->80/tcp

F:\mrngproject1\docker>docker service scale=2 webserver
Usage: docker service COMMAND
Manage Swarm services

Commands:
  create      Create a new service
  inspect     Display detailed information on one or more services
  logs        Fetch the logs of a service or task
  ls          List services
  ps          List the tasks of one or more services
  rm          Remove one or more services
  rollback   Revert changes to a service's configuration
  scale       Scale one or multiple replicated services
  update     Update a service
```

```

Administrator: Command Prompt
inspect   Display detailed information on one or more services
logs      Fetch the logs of a service or task
ls        List services
ps        List the tasks of one or more services
rm        Remove one or more services
rollback  Revert changes to a service's configuration
scale     Scale one or multiple replicated services
update    Update a service

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

F:\mngproject1\ Docker> docker service scale=2 webserver

Usage: docker service COMMAND

Manage Swarm services

Commands:
create    Create a new service
inspect   Display detailed information on one or more services
logs      Fetch the logs of a service or task
ls        List services
ps        List the tasks of one or more services
rm        Remove one or more services
rollback  Revert changes to a service's configuration
scale     Scale one or multiple replicated services
update    Update a service

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

F:\mngproject1\ Docker> docker service ls
ID          NAME      MODE      REPLICAS  IMAGE      PORTS
v57rq21ijgy4  webserver  replicated  1/1       my-phpapp:latest  *:80->80/tcp

F:\mngproject1\ Docker> docker node ls
ID          HOSTNAME  STATUS  AVAILABILITY  MANAGER STATUS  ENGINE VERSION
vbkeczfs2q491dbg8azyghden *  docker-desktop  Ready  Active  Leader  24.0.2

F:\mngproject1\ Docker> docker service scale webserver=2
webserver scaled to 2
overall progress: 2 out of 2 tasks
1/2: running  [=====>]
2/2: running  [=====>]
verify: Service converged

F:\mngproject1\ Docker> docker service ls
ID          NAME      MODE      REPLICAS  IMAGE      PORTS
v57rq21ijgy4  webserver  replicated  2/2       my-phpapp:latest  *:80->80/tcp

F:\mngproject1\ Docker>

```

```

Administrator: Command Prompt
Manage Swarm services

Commands:
create    Create a new service
inspect   Display detailed information on one or more services
logs      Fetch the logs of a service or task
ls        List services
ps        List the tasks of one or more services
rm        Remove one or more services
rollback  Revert changes to a service's configuration
scale     Scale one or multiple replicated services
update    Update a service

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

F:\mngproject1\ Docker> docker service ls
ID          NAME      MODE      REPLICAS  IMAGE      PORTS
v57rq21ijgy4  webserver  replicated  1/1       my-phpapp:latest  *:80->80/tcp

F:\mngproject1\ Docker> docker node ls
ID          HOSTNAME  STATUS  AVAILABILITY  MANAGER STATUS  ENGINE VERSION
vbkeczfs2q491dbg8azyghden *  docker-desktop  Ready  Active  Leader  24.0.2

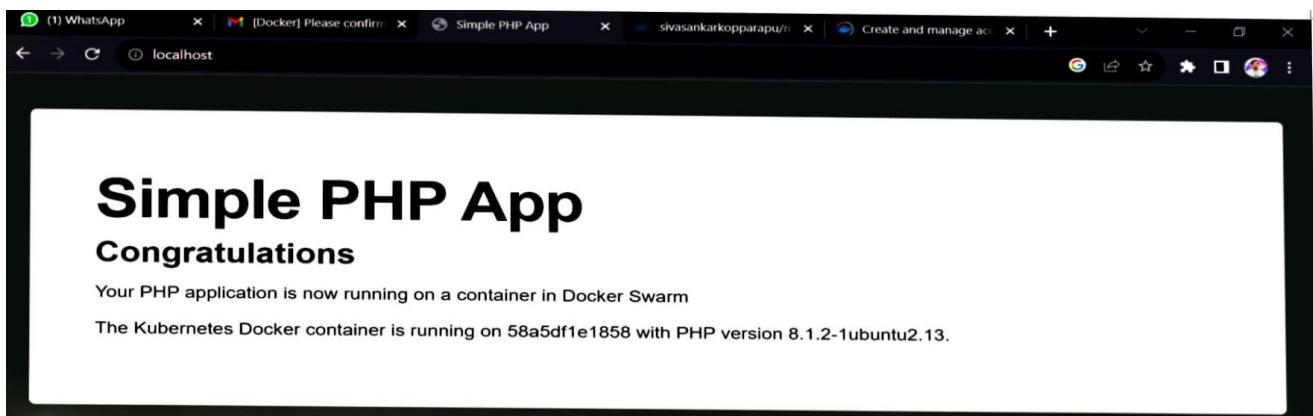
F:\mngproject1\ Docker> docker service scale webserver=2
webserver scaled to 2
overall progress: 2 out of 2 tasks
1/2: running  [=====>]
2/2: running  [=====>]
verify: Service converged

F:\mngproject1\ Docker> docker service ls
ID          NAME      MODE      REPLICAS  IMAGE      PORTS
v57rq21ijgy4  webserver  replicated  2/2       my-phpapp:latest  *:80->80/tcp

F:\mngproject1\ Docker> docker node ls
ID          HOSTNAME  STATUS  AVAILABILITY  MANAGER STATUS  ENGINE VERSION
vbkeczfs2q491dbg8azyghden *  docker-desktop  Ready  Active  Leader  24.0.2

F:\mngproject1\ Docker>

```



Problem 4

```
F:\wngproject1\docker>docker swarm leave --force
Node left the swarm.

F:\wngproject1\docker>docker swarm init
Swarm initialized: current node (nw3dymnaaqgr3bbgbfb140B18) is now a manager.

To add a worker to this swarm, run the following command:

  docker swarm join --token SWMTKN-1-5ecluhf9eg87es85qaoxlbgl90jdjtxu4838wgm6jrdmii1l8-1ysvc410pfz22e5wot52kvdpv 192.168.65.4:2377

To add a manager to this swarm, run 'docker swarm join-token manager' and follow the instructions.

F:\wngproject1\docker>docker service create -p 80:80 --name webserver my-phapp
image my-phapp:latest could not be accessed on a registry to record its digest. Each node will access my-phapp:latest independently, possibly leading to different nodes running different versions of the image.

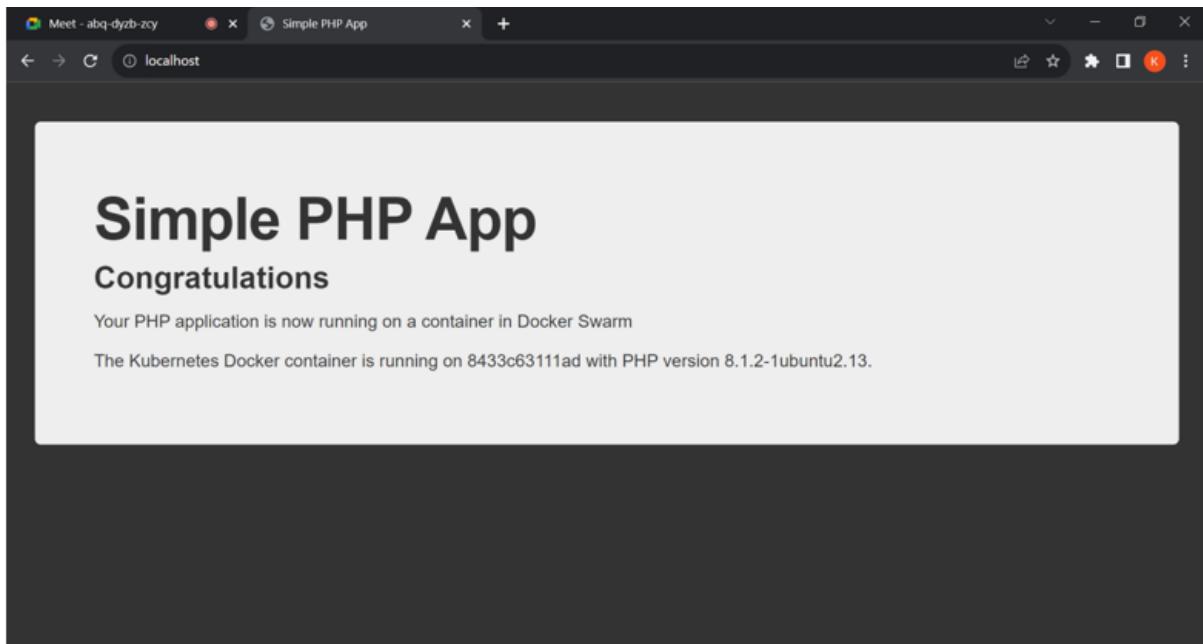
Bg7t2ct9kz40medutpob2oat
overall progress: 1 out of 1 tasks
1/1: running [=====]
verify: Service converged

F:\wngproject1\docker>docker service ls
ID      NAME      MODE      REPLICAS      IMAGE
Bg7t2ct9kz40    webserver   replicated   1/1      my-phapp:latest      *:80->80/tcp

F:\wngproject1\docker>docker service scale webserver=3
webserver scaled to 3
overall progress: 3 out of 3 tasks
1/3: running [=====]
2/3: running [=====]
3/3: running [=====]
verify: Service converged

F:\wngproject1\docker>docker service ls
ID      NAME      MODE      REPLICAS      IMAGE
Bg7t2ct9kz40    webserver   replicated   3/3      my-phapp:latest      *:80->80/tcp

F:\wngproject1\docker>
```



Problem 5

```

4.ubuntu@ip-172-31-90-235:~$ sudo docker service ps myclusterdemo
ID          NAME      IMAGE      NODE      DESIRED STATE CURRENT STATE      ERROR
yir9wbnm2ha4 myclusterdemo.1  myimage:latest ip-172-31-90-235 Ready      Rejected 2 seconds ago  "No such i
image: myimage:latest"
ny49ejy8lzj6  myclusterdemo.1  myimage:latest ip-172-31-90-235 Shutdown  Rejected 7 seconds ago  "No such i
image: myimage:latest"
9czdhsxqzhtc myclusterdemo.1  myimage:latest ip-172-31-90-235 Shutdown  Rejected 12 seconds ago "No such i
image: myimage:latest"
rkhfjgkq7u0c myclusterdemo.2  myimage:latest ip-172-31-90-235 Ready      Rejected 17 seconds ago "No such i
image: myimage:latest"
rkhfjgkq7u0c myclusterdemo.2  myimage:latest ip-172-31-90-235 Shutdown  Rejected 22 seconds ago "No such i
image: myimage:latest"
anntpBjikswu  myclusterdemo.2  myimage:latest ip-172-31-90-235 Shutdown  Rejected 17 seconds ago  "No such i
image: myimage:latest"
z9dg0x3adq7u  myclusterdemo.2  myimage:latest ip-172-31-90-235 Shutdown  Rejected 22 seconds ago "No such i
image: myimage:latest"
ubuntu@ip-172-31-90-235:~$ sudo docker service ps myclusterdemo
ID          NAME      IMAGE      NODE      DESIRED STATE CURRENT STATE      ERROR
yir9wbnm2ha4 myclusterdemo.1  myimage:latest ip-172-31-90-235 Ready      Rejected 2 seconds ago  "No such i
image: myimage:latest"
ny49ejy8lzj6  myclusterdemo.1  myimage:latest ip-172-31-90-235 Shutdown  Rejected 7 seconds ago  "No such i
image: myimage:latest"
9czdhsxqzhtc myclusterdemo.1  myimage:latest ip-172-31-90-235 Shutdown  Rejected 12 seconds ago "No such i
image: myimage:latest"
s457predhzq2l myclusterdemo.2  myimage:latest ip-172-31-90-235 Ready      Rejected 2 seconds ago  "No such i
image: myimage:latest"
7offj0fmcyqn myclusterdemo.2  myimage:latest ip-172-31-90-235 Shutdown  Rejected 7 seconds ago  "No such i
image: myimage:latest"
egcw1kew09n0 myclusterdemo.2  myimage:latest ip-172-31-90-235 Shutdown  Rejected 12 seconds ago "No such i
image: myimage:latest"
lqzjkeeqrd0  myclusterdemo.2  myimage:latest ip-172-31-90-235 Shutdown  Rejected 17 seconds ago  "No such i
image: myimage:latest"
rwe4u5mbcrzlk myclusterdemo.2  myimage:latest ip-172-31-90-235 Shutdown  Rejected 22 seconds ago "No such i
image: myimage:latest"
ubuntu@ip-172-31-90-235:~$ 

```

```

4.ubuntu@ip-172-31-90-235:~$ sudo docker swarm init
Swarm initialized: current node (2ngnluy7epp52sezbvnx0x0um) is now a manager.

To add a worker to this swarm, run the following command:
  docker swarm join --token SWMTKN-1-02c08yyoytsf55ot7iqet46hfocfvtdvsvrf9y5ig6h0beb7d-acbc1arddkij79t6xuuuw6m5h 172.31.90
.235:2377

To add a manager to this swarm, run 'docker swarm join-token manager' and follow the instructions.

ubuntu@ip-172-31-90-235:~$ sudo docker node ls
ID          HOSTNAME      STATUS      AVAILABILITY      MANAGER STATUS      ENGINE VERSION
2ngnluy7epp52sezbvnx0x0um *  ip-172-31-90-235 Ready      Active      Leader      20.10.18
ubuntu@ip-172-31-90-235:~$ sudo docker service create --name myclusterdemo --publish 8080:8080 --replicas 2 myimage
image myimage:latest could not be accessed on a registry to record its digest. Each node will access myimage:latest independently, possibly leading to different nodes running different versions of the image.

yxceee70zckrjelqapl083wnq9
overall progress: 0 out of 2 tasks
1/2: No such image: myimage:latest
2/2: No such image: myimage:latest

```

Problem 6

[Back to Project](#)

Status

Changes

Console Output

Edit Build Information

Delete build #2*

Git Build Data

Previous Build

Build #2 (Sep 07, 2022, 10:30:37 PM)

Keep this build forever

Started 49 sec ago Took 0.24 sec

Add description

No changes.

Started by user admin (2 times)

git Revision: 3232d201282c9f39ac4ff0fa78911122fce3149
Repository: https://github.com/Merishi07/AWSwarm.git
refs/remotes/origin/master

The screenshot shows a terminal window titled "ubuntu@ip-172-31-82-214:~". The window has a toolbar with icons for Terminal, Sessions, View, Xserver, Tools, Games, Settings, Macros, Help, Session, Servers, Tools, Games, Session, View, Split, Multiclient, Tunneling, Packages, Settings, and Help. A sidebar on the left shows a file tree under "/home/ubuntu/". The main terminal area displays Jenkins startup logs:

```
CPU: 39.470s
CGROUP: /system.slice/jenkins.service
          └─6736 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080
Oct 07 09:59:58 ip-172-31-82-214 jenkins[6736]: This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Oct 07 09:59:58 ip-172-31-82-214 jenkins[6736]: ****
Oct 07 09:59:58 ip-172-31-82-214 jenkins[6736]: 2022-10-07 09:59:58.974+0000 [id=29] INFO jenkins.InitReactorRunner$1#onAttained: Completed initial setup
Oct 07 09:59:58 ip-172-31-82-214 jenkins[6736]: 2022-10-07 09:59:58.008+0000 [id=22] INFO hudson.lifecycle.Lifecycle$OnReady: Jenkins is fully up and running
Oct 07 09:59:58 ip-172-31-82-214 systemd[1]: Started Jenkins Continuous Integration Server.
Oct 07 09:59:58 ip-172-31-82-214 jenkins[6736]: 2022-10-07 09:59:58.179+0000 [id=44] INFO h.m.DownloadService$Downloadable#load: Obtained the update center from https://updates.jenkins.io/update-center.json
Oct 07 09:59:58 ip-172-31-82-214 jenkins[6736]: 2022-10-07 09:59:58.193+0000 [id=44] INFO hudson.util.Retrier$Start: Performed the action check
Oct 07 09:59:58 ip-172-31-82-214 jenkins[6736]: 2022-10-07 09:59:58.193+0000 [id=44] INFO hudson.util.AsyncFileWriter$OnDemandFlusher$1: Final flush
```

At the bottom of the terminal, there is a message: "UNREGISTERED VERSION - Please support Mobaxterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>".