

1754405 – Assignment day -3

Initializing Docker-master VM and installing Docker in it

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-master?authuser=0&hl=en_US&projectNu...

shadmughal13@docker-master:~$
shadmughal13@docker-master:~$
shadmughal13@docker-master:~$ sudo -i
root@docker-master:~#
root@docker-master:~# systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2021-05-26 11:59:26 UTC; 4min 10s ago
     Docs: https://docs.docker.com
    Main PID: 4015 (dockerd)
      Tasks: 10
     CGroup: /system.slice/docker.service
             └─4015 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

May 26 11:59:26 docker-master dockerd[4015]: time="2021-05-26T11:59:26.163221184Z" level=warning msg="Your kernel d
May 26 11:59:26 docker-master dockerd[4015]: time="2021-05-26T11:59:26.163232735Z" level=warning msg="Your kernel d
May 26 11:59:26 docker-master dockerd[4015]: time="2021-05-26T11:59:26.163244133Z" level=warning msg="Your kernel d
May 26 11:59:26 docker-master dockerd[4015]: time="2021-05-26T11:59:26.163485894Z" level=info msg="Loading containe
May 26 11:59:26 docker-master dockerd[4015]: time="2021-05-26T11:59:26.294610689Z" level=info msg="Default bridge (
May 26 11:59:26 docker-master dockerd[4015]: time="2021-05-26T11:59:26.362514754Z" level=info msg="Loading containe
May 26 11:59:26 docker-master dockerd[4015]: time="2021-05-26T11:59:26.388217712Z" level=info msg="Docker daemon" c
May 26 11:59:26 docker-master dockerd[4015]: time="2021-05-26T11:59:26.388397758Z" level=info msg="Daemon has compl
May 26 11:59:26 docker-master systemd[1]: Started Docker Application Container Engine.
May 26 11:59:26 docker-master dockerd[4015]: time="2021-05-26T11:59:26.418894232Z" level=info msg="API listen on /v
lines 1-19/19 (END)
root@docker-master:~#
root@docker-master:~#
root@docker-master:~# docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
root@docker-master:~#
root@docker-master:~# docker ps -a
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
root@docker-master:~# docker images
REPOSITORY    TAG       IMAGE ID   CREATED   SIZE
root@docker-master:~#
root@docker-master:~#
```

My Dockerfile for build

```
root@docker-master:~# cat Dockerfile
FROM nginx:latest
MAINTAINER "Shadmughal13"
RUN apt-get update && apt-get -y install git

#Git
ENV GIT_REPO https://github.com/shubhamkushwah123/bootcamp10.git
ENV NGINX_HOME /usr/share/nginx/html

#Config
RUN cd /tmp && \
git clone $GIT_REPO && \
cd bootcamp10/ && \
mkdir -p $NGINX_HOME && \
cp index.html "$NGINX_HOME"/
EXPOSE 80

root@docker-master:~#
```

Docker image build

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-master?authuser=0&hl=en_US&pr

root@docker-master:~# docker build . -t shanmughal3/devops
Sending build context to Docker daemon 13.31kB
Step 1/7 : FROM nginx:latest
latest: Pulling from library/nginx
69692152171a: Pull complete
30afc0b18f67: Pull complete
596b1d696923: Pull complete
febe5bd23e98: Pull complete
8283eee92e2f: Pull complete
351ad75a6cfa: Pull complete
Digest: sha256:6d75c99af15565a301e48297fa2d121e15d80ad526f8369c526324f0f7ccb750
Status: Downloaded newer image for nginx:latest
---> d1a364dc548d
Step 2/7 : MAINTAINER "Shanmughal3"
---> Running in 8b371ec74100
Removing intermediate container 8b371ec74100
---> b521ddcdfe21
Step 3/7 : RUN apt-get update && apt-get -y install git
---> Running in 6f9a7d73ed42
Get:1 http://security.debian.org/debian-security buster/updates InRelease [65.4 kB]
Get:2 http://deb.debian.org/debian buster InRelease [121 kB]
Get:3 http://deb.debian.org/debian buster-updates InRelease [51.9 kB]
Get:4 http://security.debian.org/debian-security buster/updates/main amd64 Packages [290 kB]
Get:5 http://deb.debian.org/debian buster/main amd64 Packages [7907 kB]
Get:6 http://deb.debian.org/debian buster-updates/main amd64 Packages [10.9 kB]
Fetched 8447 kB in 2s (4555 kB/s)
Reading package lists...
```

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-master?authuser=0&hl=en_US

debconf: (TERM is not set, so the dialog frontend is not usable.)
debconf: falling back to frontend: Readline
Setting up libxext6:amd64 (2:1.3.3-1+b2) ...
Setting up libcurl3-gnutls:amd64 (7.64.0-4+deb10u2) ...
Setting up patch (2.7.6-3+deb10u1) ...
Setting up libpcre2-8-0:amd64 (10.32-5) ...
Setting up git-man (1:2.20.1-2+deb10u3) ...
Setting up netbase (5.6) ...
Setting up libxmuu1:amd64 (2:1.1.2-2+b3) ...
Setting up libgdbm6:amd64 (1.18.1-4) ...
Setting up openssh-client (1:7.9p1-10+deb10u2) ...
Setting up libgdbm-compat4:amd64 (1.18.1-4) ...
Setting up libperl5.28:amd64 (5.28.1-6+deb10u1) ...
Setting up xauth (1:1.0.10-1) ...
Setting up perl (5.28.1-6+deb10u1) ...
Setting up liberror-perl (0.17027-2) ...
Setting up git (1:2.20.1-2+deb10u3) ...
Processing triggers for libc-bin (2.28-10) ...
Removing intermediate container 6f9a7d73ed42
---> 150d349e042f
Step 4/7 : ENV GIT_REPO https://github.com/shubhamkushwah123/bootcamp10.git
---> Running in 1cef20fbadb3
Removing intermediate container 1cef20fbadb3
---> e31b840d637e
Step 5/7 : ENV NGINX_HOME /usr/share/nginx/html
---> Running in a810b086c178
Removing intermediate container a810b086c178
---> cd49e71fba90
Step 6/7 : RUN cd /tmp && git clone $GIT_REPO && cd bootcamp10/ && mkdir -p $NGINX_HOME && cp index.htm
ME"/
---> Running in 6dc36b6d4398
Cloning into 'bootcamp10'...
Removing intermediate container 6dc36b6d4398
---> 0e399eb72640
Step 7/7 : EXPOSE 80
---> Running in 07a79aaf2c1c
Removing intermediate container 07a79aaf2c1c
---> 50428069ccd6
Successfully built 50428069ccd6
Successfully tagged shanmughal3/devops:latest
root@docker-master:~#
```

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/

root@docker-master:~# docker images
REPOSITORY          TAG          IMAGE ID          CREATED          SIZE
shanmughal3/devops  latest      50428069ccd6     41 minutes ago  297MB
nginx               latest      d1a364dc548d     22 hours ago   133MB
root@docker-master:~#
root@docker-master:~#
```

Docker image pushed to Docker Hub

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-master?authuser=0&hl=en_US&pr
root@docker-master:~# docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over
s://hub.docker.com to create one.
Username: shanmugha13
Password:
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
root@docker-master:~#
root@docker-master:~# docker image
```

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-master?authuser=0&hl=en_US&pr
root@docker-master:~# docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
shanmugha13/devops  latest         50428069ccd6   35 seconds ago  297MB
nginx                latest         dla364dc548d   21 hours ago   133MB
root@docker-master:~#
root@docker-master:~# docker push shanmugha13/devops
Using default tag: latest
The push refers to repository [docker.io/shanmugha13/devops]
ea34d017a710: Pushed
c14e92829fb8: Pushed
075508cf8f04: Mounted from library/nginx
5c865c78bc96: Mounted from library/nginx
134e19b2fac5: Mounted from library/nginx
83634f76e732: Mounted from library/nginx
766fe2c3fc08: Mounted from library/nginx
02c055ef67f5: Mounted from library/nginx
latest: digest: sha256:1067803e793645381468a58635d8c7c0ce29e77864d4a1b136fba07292b856a4 size: 1994
root@docker-master:~#
```

Search for great content (e.g., mysql)

ExploreRepositoriesOrganizationsGet Help

shanmugha13

shanmugha13

Search by repository name

Create Repository

shanmugha13 / devops

Updated 2 minutes ago

Not Scanned

0

3

Public

Tip: Not finding your repository? Try switching namespace via the top left dropdown.

- .
- .
- .
- .
- .
- .
- .

Initializing a worker VM to pull the image from Docker Hub:

```
shnmughal13@docker-worker: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-worker?authuser=0&hl=en_US&projectNu...

shnmughal13@docker-worker:~$ sudo systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2021-05-26 13:09:08 UTC; 1min 37s ago
     Docs: https://docs.docker.com
    Main PID: 4051 (dockerd)
      Tasks: 10
    CGroup: /system.slice/docker.service
            └─4051 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

May 26 13:09:07 docker-worker dockerd[4051]: time="2021-05-26T13:09:07.979141267Z" level=warning msg="Your kernel d
May 26 13:09:07 docker-worker dockerd[4051]: time="2021-05-26T13:09:07.979362573Z" level=warning msg="Your kernel d
May 26 13:09:07 docker-worker dockerd[4051]: time="2021-05-26T13:09:07.979500830Z" level=warning msg="Your kernel d
May 26 13:09:07 docker-worker dockerd[4051]: time="2021-05-26T13:09:07.979838612Z" level=info msg="Loading containe
May 26 13:09:08 docker-worker dockerd[4051]: time="2021-05-26T13:09:08.116000367Z" level=info msg="Default bridge (
May 26 13:09:08 docker-worker dockerd[4051]: time="2021-05-26T13:09:08.193630846Z" level=info msg="Loading containe
May 26 13:09:08 docker-worker dockerd[4051]: time="2021-05-26T13:09:08.219174423Z" level=info msg="Docker daemon" c
May 26 13:09:08 docker-worker dockerd[4051]: time="2021-05-26T13:09:08.219611481Z" level=info msg="Daemon has compl
May 26 13:09:08 docker-worker systemd[1]: Started Docker Application Container Engine.
May 26 13:09:08 docker-worker dockerd[4051]: time="2021-05-26T13:09:08.258601532Z" level=info msg="API listen on /v
lines 1-19/19 (END)
shnmughal13@docker-worker:~$ sudo docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS       NAMES
shnmughal13@docker-worker:~$
shnmughal13@docker-worker:~$ sudo docker images
REPOSITORY    TAG        IMAGE ID      CREATED      SIZE
shnmughal13@docker-worker:~$
shnmughal13@docker-worker:~$
```

Pulling the Image from DockerHub:

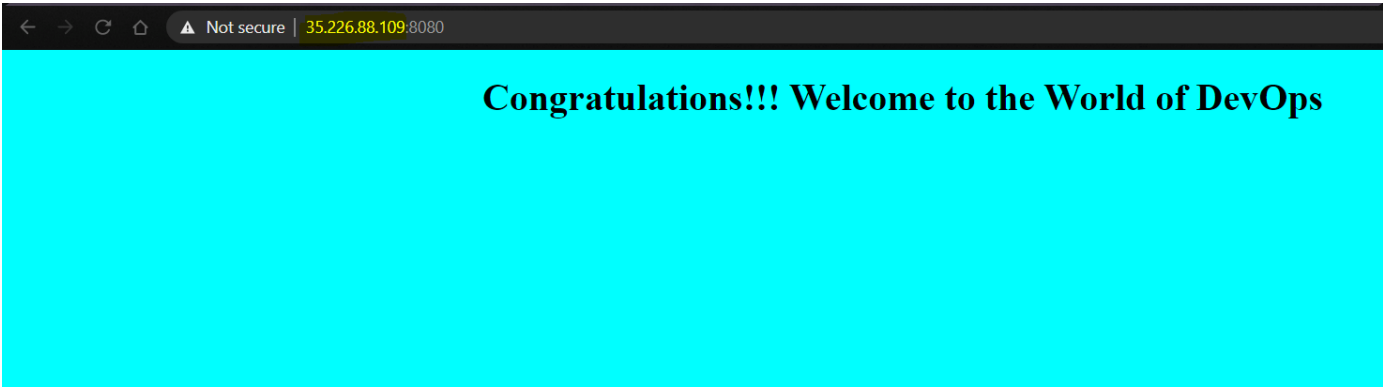
```
root@docker-worker: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-worker?authuser=0&hl=en_US&projectNu...

root@docker-worker:~#
root@docker-worker:~# docker images
REPOSITORY    TAG        IMAGE ID      CREATED      SIZE
root@docker-worker:~#
root@docker-worker:~# docker pull shnmughal13/devops
Using default tag: latest
latest: Pulling from shnmughal13/devops
69692152171a: Pull complete
30afc0b18f67: Pull complete
596b1d696923: Pull complete
febe5bd23e98: Pull complete
8283eee92e2f: Pull complete
351ad75a6cfa: Pull complete
d28ec28042f5: Pull complete
8a75af68f727: Pull complete
Digest: sha256:1067803e793645381468a58635d8c7c0ce29e77864d4a1b136fba07292b856a4
Status: Downloaded newer image for shnmughal13/devops:latest
docker.io/shnmughal13/devops:latest
root@docker-worker:~#
root@docker-worker:~# docker images
REPOSITORY    TAG        IMAGE ID      CREATED      SIZE
shnmughal13/devops  latest    50428069ccd6  23 minutes ago  297MB
root@docker-worker:~#
root@docker-worker:~#
```

Building container in worker node with the pulled image :

```
root@docker-worker: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-worker?authuser=0&hl=en_US&projectNumber=719438660858&useAdminProxy=true
root@docker-worker:~# docker run -p 8080:80 -i -d -t shanmugha13/devops
e52a84cb94a13753ba81cd7cf8da4f342fe9bfb74dc5341695a526ed71f6c2b1
root@docker-worker:~#
root@docker-worker:~# docker ps -a
CONTAINER ID   IMAGE             COMMAND                  CREATED        STATUS        PORTS                               NAMES
e52a84cb94a1   shanmugha13/devops  "/docker-entrypoint..."  16 seconds ago Up 15 seconds  0.0.0.0:8080->80/tcp, :::8080->80/tcp  vigorous_brown
root@docker-worker:~#
root@docker-worker:~#
```

OUTPUT from worker node via worker IP , port 8080 :



INSTANCES

INSTANCE SCHEDULE

Filter

Enter property name or value

<input type="checkbox"/>	Status	Name ↑	Zone	Recommendations	In use by	Internal IP	External IP
<input type="checkbox"/>		devops-docker	us-central1-a			10.128.0.15 (nic0)	34.122.102.9 ↗
<input type="checkbox"/>		devops-git	us-central1-a			10.128.0.4 (nic0)	None
<input type="checkbox"/>		devops-jenkins-mavens	us-central1-a			10.128.0.9 (nic0)	35.223.83.168 ↗
<input type="checkbox"/>		devops-tomcat-server	us-central1-a			10.128.0.10 (nic0)	35.225.159.34 ↗
<input type="checkbox"/>		docker-master	us-central1-a			10.128.0.19 (nic0)	35.222.12.44 ↗
<input type="checkbox"/>		docker-worker	us-central1-a			10.128.0.20 (nic0)	35.226.88.109 ↗
<input type="checkbox"/>		github-bootcamp	us-central1-a			10.128.0.17 (nic0)	34.123.136.32 ↗
<input type="checkbox"/>		jenkins-bootcamp	us-central1-a			10.128.0.18 (nic0)	34.136.116.164 ↗

DOCKER COMPOSE :

I am configuring compose in my master node

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-master?authuser=0&hl=en_US&project=
root@docker-master:~# cat docker-compose.yml
version: '3'
services:
  wordpress_db:
    restart: always
    container_name: docker-mysql
    image: mysql
    environment:
      MYSQL_DATABASE: wordpress_data
      MYSQL_ROOT_PASSWORD: root
      MYSQL_ROOT_HOST: root13
    volumes:
      - ./sql:/docker-entrypoint-initdb.d
    ports:
      - "6033:3306"
    healthcheck:
      test: "/usr/bin/mysql --user=root --password=root --execute \"SHOW DATABASES;\""
      interval: 2s
      timeout: 20s
      retries: 10
  phpmyadmin:
    image: shanmughal3/devops
    container_name: nginx
    links:
      - wordpress_db:mysql
    ports:
      - 8080:80
    environment:
      MYSQL_USERNAME: root
      MYSQL_ROOT_PASSWORD: root
root@docker-master:~#
```

-

Container build using compose :

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-master?authuser=0&hl=en_US&project

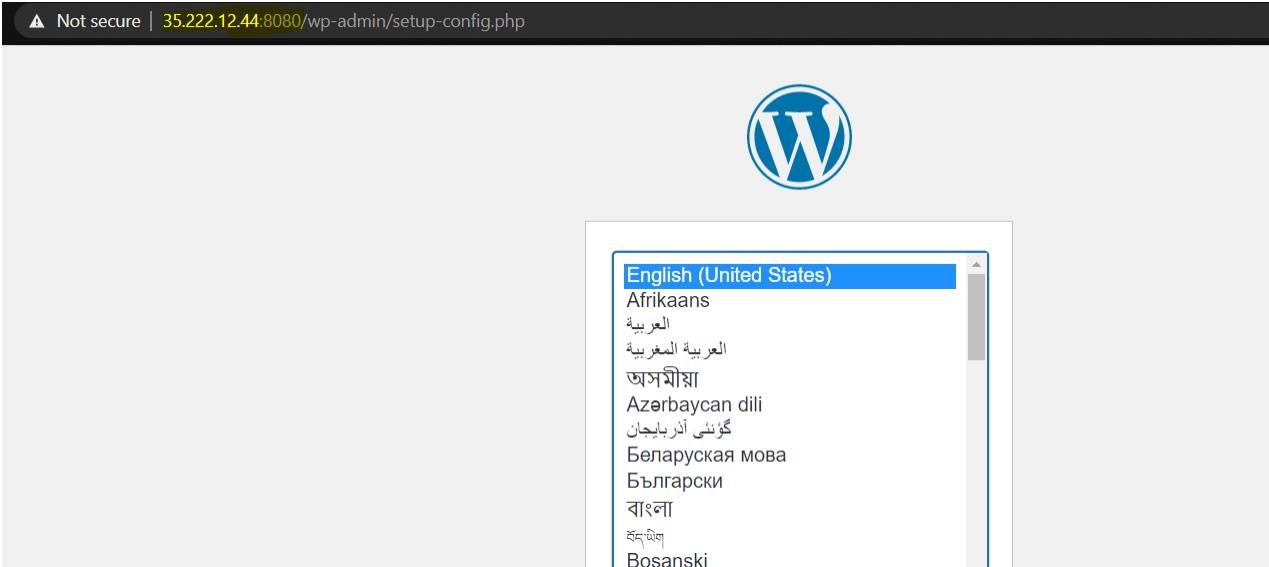
root@docker-master:~# docker-compose up -d
Creating network "root_default" with the default driver
Pulling wordpress_db (mysql:latest)...
latest: Pulling from library/mysql
69692152171a: Already exists
1651b0be3df3: Pull complete
951da7386bc8: Pull complete
0f86c95aa242: Pull complete
37ba2d8bd4fe: Pull complete
6d278bb05e94: Pull complete
497efbd93a3e: Pull complete
f7fddf10c2c2: Pull complete
16415d159dfb: Pull complete
0e530ffc6b73: Pull complete
b0a4ala77178: Pull complete
cd90f92aa9ef: Pull complete
Digest: sha256:d50098d7fcb25b1fcb24e2d3247cae3fc55815d64fec640dc395840f8fa80969
Status: Downloaded newer image for mysql:latest
Pulling wordpress (wordpress:latest)...
latest: Pulling from library/wordpress
69692152171a: Already exists
2040822db325: Pull complete
9b4ca5ae9dfa: Pull complete
ac1fe7c6d966: Pull complete
5b26fc9ce030: Pull complete
3492f4769444: Pull complete
1dec05775a74: Pull complete
9ed895bcea33: Pull complete
bcc491c2ddc4: Pull complete
8469abe55c17: Pull complete
d74704ab90e5: Pull complete
2f6f8b7d4ce2: Pull complete
3407998a353d: Pull complete
310682739bc5: Pull complete
c82f18ace11b: Pull complete
1a3b9d474dbe: Pull complete
97060a6e7f08: Pull complete
61f5c6c4243b: Pull complete
9d18afd88d98: Pull complete
2c0d01114559: Pull complete
2791c3bb8577: Pull complete
Digest: sha256:7dc456dfd78ead6f519e90d0631ecb6dd819570905b104bac59a4bde5921985e
Status: Downloaded newer image for wordpress:latest
Creating docker-mysql ...
```

```
Pulling wordpress (wordpress:latest)...
latest: Pulling from library/wordpress
69692152171a: Already exists
2040822db325: Pull complete
9b4ca5ae9dfa: Pull complete
ac1fe7c6d966: Pull complete
5b26fc9ce030: Pull complete
3492f4769444: Pull complete
1dec05775a74: Pull complete
9ed895bcea33: Pull complete
bcc491c2ddc4: Pull complete
8469abe55c17: Pull complete
d74704ab90e5: Pull complete
2f6f8b7d4ce2: Pull complete
3407998a353d: Pull complete
310682739bc5: Pull complete
c82f18ace11b: Pull complete
1a3b9d474dbe: Pull complete
97060a6e7f08: Pull complete
61f5c6c4243b: Pull complete
9d18afd88d98: Pull complete
2c0d01114559: Pull complete
2791c3bb8577: Pull complete
Digest: sha256:7dc456dfd78ead6f519e90d0631ecb6dd819570905b104bac59a4bde5921985e
Status: Downloaded newer image for wordpress:latest
Creating docker-mysql ...
Creating docker-mysql ... done
Creating nginx ...
Creating root_wordpress_1 ...
Creating nginx
Creating root_wordpress_1 ... done
root@docker-master:~#
root@docker-master:~#
```


CONTAINER SUCCESSFULLY CREATED :

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-master?authuser=0&hl=en_US&projectNu...
root@docker-master:~# docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS
35ba7402b541       wordpress          "docker-entrypoint.s..." 57 seconds ago     Up 54 seconds      0.0.0.0
:8080->80/tcp, :::8080->80/tcp
82e5b9055164       shanmugha13/devops "/docker-entrypoint..." 57 seconds ago     Up 54 seconds      0.0.0.0
:8081->80/tcp, :::8081->80/tcp
9e502c309feb       mysql             "docker-entrypoint.s..." About a minute ago Up 56 seconds (healthy) 33060/tcp
cp, 0.0.0.0:6033->3306/tcp, :::6033->3306/tcp
root@docker-master:~#
root@docker-master:~#
root@docker-master:~#
```

WEB OUTPUT:



IP VERIFICATION FOR MASTER NODE :

INSTANCES

INSTANCE SCHEDULE

Filter

Enter property name or value

<input type="checkbox"/>	Status	Name ↑	Zone	Recommendations	In use by	Internal IP	External IP	Connect
<input type="checkbox"/>		devops-docker	us-central1-a			10.128.0.15 (nic0)	34.122.102.9	SSH
<input type="checkbox"/>		devops-git	us-central1-a			10.128.0.4 (nic0)	None	SSH
<input type="checkbox"/>		devops-jenkins-mavens	us-central1-a			10.128.0.9 (nic0)	35.223.83.168	SSH
<input type="checkbox"/>		devops-tomcat-server	us-central1-a			10.128.0.10 (nic0)	35.225.159.34	SSH
<input type="checkbox"/>		docker-master	us-central1-a			10.128.0.19 (nic0)	35.222.12.44	SSH
<input type="checkbox"/>		docker-worker	us-central1-a			10.128.0.20 (nic0)	35.226.88.109	SSH
<input type="checkbox"/>		github-bootcamp	us-central1-a			10.128.0.17 (nic0)	34.123.136.32	SSH
<input type="checkbox"/>		jenkins-bootcamp	us-central1-a			10.128.0.18 (nic0)	34.136.116.164	SSH

Container is successfully created using compose //

- .
- .
- .
- .

SQL Database in container : Created mydb1 database in container :

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/docker-master?authu...
root@docker-master:~# docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
d14ae198c9fb   shanmughal3/devops  "/docker-entrypoint..."  2 minutes ago  Up 2 minutes  0.0.0.0:8081->80/tcp, :::8081->80/tcp
7f9efe547cee   wordpress        "docker-entrypoint.s..."  2 minutes ago  Up 2 minutes  0.0.0.0:8080->80/tcp, :::8080->80/tcp
7b613f54c9ce   mysql            "docker-entrypoint.s..."  2 minutes ago  Up 2 minutes (healthy)  33060/tcp, 0.0.0.0:6033->3306/tcp, :::6033->3306/tcp
root@docker-master:~#
root@docker-master:~#
root@docker-master:~# docker exec -it 7b613f54c9ce sh
# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 85
Server version: 8.0.25 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

```
mysql>
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| wordpress_data |
+-----+
5 rows in set (0.00 sec)

mysql> create database mydb1
-> ^C
mysql> create database mydb1;
Query OK, 1 row affected (0.01 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mydb1 |
| mysql |
| performance_schema |
| sys |
| wordpress_data |
+-----+
6 rows in set (0.00 sec)

mysql>
```

```
root@docker-master: ~ - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/insta

mysql> create table dbtable (id INT(3), name VARCHAR(13), age INT(2))
Query OK, 0 rows affected, 2 warnings (0.02 sec)

mysql> show tables;
+-----+
| Tables_in_mydb1 |
+-----+
| dbtable          |
+-----+
1 row in set (0.00 sec)

mysql> show columns from dbtable
-> ^C
mysql> show columns from dbtable;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id    | int           | YES  |     | NULL    |       |
| name  | varchar(13)   | YES  |     | NULL    |       |
| age   | int           | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> exit
Bye
# ^C
#
root@docker-master:~#
```