CDEC B-24

Name : Kunal vijay Chavhan

Task : Host the Nginx Image on Docker
Step:

1. sudo –i
2. docker run –d nginx

```
root@ip-172-31-30-69:~$ docker run -d nginx
4d0f0f38c9fc71fecc8b7f2f8973bd3d0fa13a2a619b1beef9dec27693c1563b
```

3. docker ps

```
root@ip-172-31-30-69:~$ docker ps
CONTAINER ID   IMAGE    COMMAND            CREATED          STATUS          PORTS     NAMES
4d0f0f38c9fc   nginx    "/docker-entrypoint…"   23 seconds ago   Up 22 seconds   80/tcp    competent_beaver
```

4. Rename the container name

```
root@ip-172-31-30-69:~$ docker rename 4d0 nginx
root@ip-172-31-30-69:~$ docker ps -a
CONTAINER ID   IMAGE    COMMAND            CREATED         STATUS         PORTS     NAMES
4d0f0f38c9fc   nginx    "/docker-entrypoint…"   2 minutes ago   Up 2 minutes   80/tcp    nginx
```

5. docker run -d -p 8080:80 nginx
6. docker ps –a

```
root@ip-172-31-30-69:~$ docker run -d -p 8080:80 nginx
fab42b6c8f82d3534479e20819e23bc31982097f951b23e4415b4fe491da2a49
root@ip-172-31-30-69:~$ docker ps -a
CONTAINER ID   IMAGE    COMMAND            CREATED          STATUS          PORTS                                       NAMES
fab42b6c8f82   nginx    "/docker-entrypoint…"   16 seconds ago   Up 15 seconds   0.0.0.0:8080->80/tcp, :::8080->80/tcp       pensive_elbakyan
4d0f0f38c9fc   nginx    "/docker-entrypoint…"   5 minutes ago    Up 5 minutes    80/tcp                                      nginx
```

7. docker exec -it fab bash

```
root@ip-172-31-30-69:~$ docker exec -it fab bash
root@fab42b6c8f82:/# cd /use/share/nginx/html/
```

8. cd /usr/share/nginx/html
9. ls

```
root@fab42b6c8f82:/# ls
bin  boot  dev  docker-entrypoint.d  docker-entrypoint.sh  etc  home  lib  lib64  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  var
root@fab42b6c8f82:/# cd usr
root@fab42b6c8f82:/usr# ls
bin  games  include  lib  lib64  libexec  local  sbin  share  src
root@fab42b6c8f82:/usr# cd s
sbin/  share/  src/
root@fab42b6c8f82:/usr# cd share
root@fab42b6c8f82:/usr/share# ls
X11            bash-completion  common-licenses  dict      dpkg        gcc  java      libgcrypt20  man         misc  pam-configs  polkit-1  util-linux  zsh
base-files     bug                               debconf   doc         fontconfig  gdb  keyrings  lintian      maven-repo  nginx  perl5        tabset    xml
base-passwd    ca-certificates  debianutils      doc-base  fonts       info  libc-bin  locale      menu  pam          pixmaps   terminfo    zoneinfo
root@fab42b6c8f82:/usr/share# cd nginx/
root@fab42b6c8f82:/usr/share/nginx# ls
html
root@fab42b6c8f82:/usr/share/nginx# cd html
root@fab42b6c8f82:/usr/share/nginx/html# ls
50x.html  index.html
```

10.echo "Kunal chavhan" >index.html

```
root@fab42b6c8f82:/usr/share/nginx/html# echo "kunal chavhan" >index.html
root@fab42b6c8f82:/usr/share/nginx/html#
```

11.Go to google chrome and hit the IP address of instance with the port number

← → C ⚠ Not secure 54.210.179.165:8080

kunal chavhan

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.