P1:

```
-HP-EliteBook-840-G5:~/Desktop$ sudo docker run -v nginx_html:/usr/share/nginx/html -v nginx_conf:/etc/nginx/conf.d -d
 -p 8080:80 nginx
Scc04378c26411654e4b1a6e7836ebec84f0b9aef0cff242fe54dae00cb5784f
ahmed@ahmed-HP-EliteBook-840-G5:~/Desktop$ sudo docker volume ls
            VOLUME NAME
DRIVER
            6e904da68ae7cc260784a89f76f91ac1c4f5fb93ef928373edff2dd6d442b26c
            nginx_conf
nginx_html
ngnix_xonf
local
local
local
                                                  p$ sudo docker ps
CREATED
CONTAINER ID
                 IMAGE
                               COMMAND
                                                                                  STATUS
3646fa49a3b9
                  nginx
                               "/docker-entrypoint...
                                                              3 minutes ago
                                                                                  Up 3 minutes
                                                                                                     0.0.0.0:8080->80/tcp, [::]:8080->80/tcp
                                                                                                                                                         optimi
stic_ptolemy
             -HP-EliteBook-840-G5:~/Desktop$ sudo docker rm -f 3646fa49a3b9
3646fa49a3b9
ahmed@ahmed-HP-EliteBook-840-G5:~/Desktop$ sudo docker run -v nginx_html:/usr/share/nginx/html -v nginx_conf:/etc/nginx/conf.d -d -p 8080:80 nginx
254052785ebeccd2cc7d50e5e84745513208b34d7ddacbeca22c15c4f59d4e6d
        ahmed-HP-EliteBook-840-G5:~/Desktop$ curl localhost:8080
nello world
```

```
P2:
                                          esktop$ sudo docker run -v ~/Desktop/nginx_html:/usr/share/nginx/html -v ~/Desktop/nginx_conf:
/etc/nginx/conf.d -d nginx
f96adfdc624fb0652ea3e8d86b1ab0a0bdc013b73003ba4ebec26e749e51d069
         h<mark>med-HP-EliteBook-840-G5:-/Desktop$ sudo docker ps -a</mark>
ER ID IMAGE COMMAND CREATED
                              COMMAND
"/docker-entrypoint...
 CONTAINER ID IMAGE
                                                                                     STATUS
                                                                                                                       PORTS
                                                                                                                                   NAMES
f96adfdc624f
                                                                                     Up 16 seconds
                 nginx
                                                            18 seconds ago
                                                                                                                       80/tcp
                                                                                                                                   tender_mayer
                                                   sudo docker run -v ~/Desktop/nginx_html:/usr/share/nginx/html -v ~/Desktop/nginx_conf:
/etc/nginx/conf.d -d -p 8080:80 nginx
12a2c108467b099d25a4bd3d42c222fa1dfc9898c3a1fcb71a3152457f9b2cb3
         hmed-HP-EliteBook-840-G5:~/Desktop$ curl localhost:8080
 nello world
  hmed@ahmed-HP-EliteBook-840-G5:~/Desktop$
```

P3:

```
ahmed@ahmed-HP-EliteBook-840-G5:~/Desktop$ sudo docker run -p 8001:80 -d nginx
1d8ea873eb2cdbdc5147c51525e6e03e0585fc97ca2d5ab8d284b9f64ff6861f
ahmed@ahmed-HP-EliteBook-840-G5:~/Desktop$ sudo docker run -p 8002:80 -d nginx
4813f2f4fc43317cfdd687058eed55bbafdd92cb7916e662034168db583d6ccf
ahmed@ahmed-HP-EliteBook-840-G5:-/Desktop$ sudo docker ps
CONTAINER ID IMAGE COMMAND CREATED
                                                                                             STATUS
                                                                                                                    PORTS
                                                                                                                                                                               NAME
4813f2f4fc43 nginx
                                   "/docker-entrypoint..." 9 seconds ago
                                                                                             Up 9 seconds
                                                                                                                    0.0.0.0:8002->80/tcp, [::]:8002->80/tcp
_babbage
1d8ea873eb2c nginx
                                   "/docker-entrypoint..." 16 seconds ago Up 15 seconds 0.0.0.8001->80/tcp, [::]:8001->80/tcp
                                                                                                                                                                               stoi
c_burnell
254052785ebe
                                  "/docker-entrypoint..." 22 minutes ago Up 22 minutes 0.0.0.0:8080->80/tcp, [::]:8080->80/tcp
                    nginx
                                                                                                                                                                               cran
ky_kowalevski
  hmed@ahmed-HP-EliteBook-840-G5:~/Desktop$ sudo docker exec -it 1d8ea873eb2c bash
```

P4:

