Setting up the server

```
yolsuh@lenovo:~$ docker run --rm -d --name apache -p 80:80 httpd:2.4
Unable to find image 'httpd:2.4' locally
2.4: Pulling from library/httpd
ae13dd578326: Pull complete
fd997b74d81b: Pull complete
248a67212d22: Pull complete
60cf240b9129: Pull complete
b75bd115573c: Pull complete
Digest: sha256:5238710afda67227f805b7563455365588afd4b7d9abcddbdfe76b
f3
Status: Downloaded newer image for httpd:2.4
687819027d75f0295b77831124908e9436d71406852045f72fc7dcbb5dccd753
yolsuh@lenovo:~$
```

```
yolsuh@lenovo:~$ curl localhost
<html><body><h1>It works!</h1></body></html>
yolsuh@lenovo:~$
```

```
yolsuh@lenovo:~$ curl localhost
<html><body><h1>It works!</h1></body></html>
```

```
yolsuh@lenovo:~$ docker stop apache
apache
yolsuh@lenovo:~$ docker run --rm -d --name apache -p 80:80 httpd:2.4
90abeb67130973bde1556f63b2028f1e75112925c15c3689939b64e6e4733121
yolsuh@lenovo:~$ curl localhost
<html><body><h1>It works!</h1></body></html>
yolsuh@lenovo:~$
yolsuh@lenovo:~$
```

Managing volumes

```
yolsuh@lenovo:~$ docker volume ls
DRIVER      VOLUME NAME
yolsuh@lenovo:~$ docker volume create myvolume
myvolume
yolsuh@lenovo:~$ docker volume ls
DRIVER      VOLUME NAME
local       myvolume
yolsuh@lenovo:~$ docker volume rm myvolume
myvolume
yolsuh@lenovo:~$ docker volume ls
DRIVER      VOLUME NAME
yolsuh@lenovo:~$
```

Mounting volumes on containers

```
yolsuh@lenovo:~$ docker volume create httpd_htdocs
httpd_htdocs
yolsuh@lenovo:~$ docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
e74268b75c9903f52e656fff68533b35cdabbffe4707588e4515ac49088ed4fc
yolsuh@lenovo:~$ docker cp index.html apache:/usr/local/apache2/htdocs/
lstat /home/yolsuh/index.html: no such file or directory
yolsuh@lenovo:~$ curl localhost
<html><body><h1>It works!</h1></body></html>
yolsuh@lenovo:~$ docker stop apache
apache
yolsuh@lenovo:~$ docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
6eb3a66c832083a08baeb75635cbb79d7dfaf7bc0bd79f0a5dd65770d60bd4f3
yolsuh@lenovo:~$ curl localhost
<html><body><h1>It works!</h1></body></html>
yolsuh@lenovo:~$
```

```
/home/yolsuh
yolsuh@lenovo:~$ docker run --rm -d --name apache -p 80:80 -v /home/yolsuh/:/usr/local/apache2/htdocs/ httpd:2.4
64faab6e0f9c8f7d307aa584446e1b9c93cd47c69992a867808bd95e891043b3
yolsuh@lenovo:~$ curl localhost
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
 <head>
  <title>Index of /</title>
```