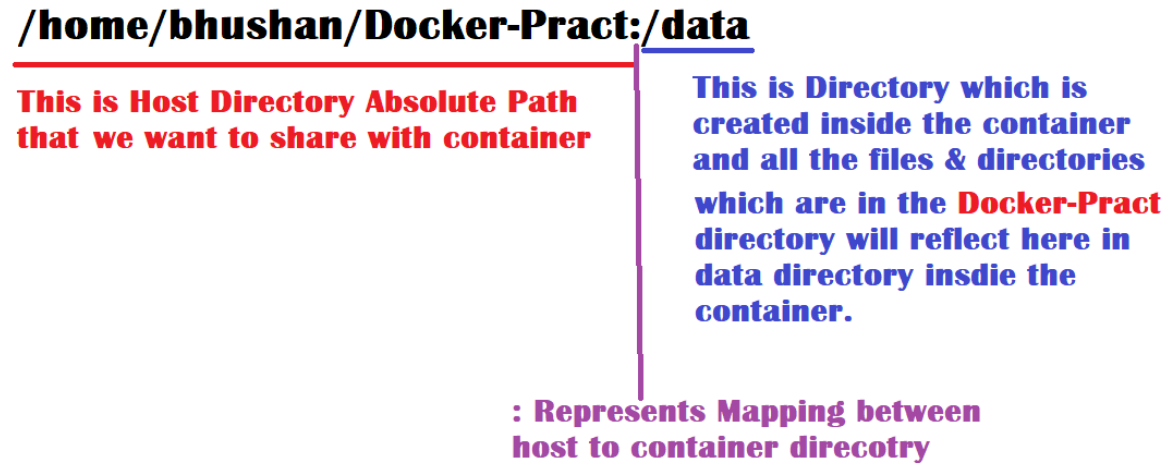
Volume Use Case-3

Volumes [Host to Container] Synchronization

Point 1: To synchronize the host to container, Check and verify the directory that you want to share with container In my case /home/Bhushan/Docker-Pract. Check all the files and directories inside this directory.

```
bhushan@ubuntu:~/Docker-Pract$ pwd
/home/bhushan/Docker-Pract
bhushan@ubuntu:~/Docker-Pract$ ls
Dockerfile  Form.js  Login.html  Logout.html  script.css
```

Point 2: Now Create container having name host_container with -v option to specify mapping are as follows: After executing the command , check whether there is data directory is created or not. Go inside this directory and **check all the files which are present in the Docker-Pract Directory are reflect here inside the container directory. Also create one file script.css inside data directory to check whether it is relected in the host directory or not.**




```
bhushan@ubuntu:~/Docker-Pract$ docker run -it --name host_container -v /home/bhushan/Docker-Pract:/data ubuntu /bin/bash
root@c0b2e093f09e:/# ls
bin  boot  data  dev  etc  home  lib  lib32  lib64  libx32  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  var
root@c0b2e093f09e:/# cd data/
root@c0b2e093f09e:/data# ls
Dockerfile  Form.js  Login.html  Logout.html  script.css
root@c0b2e093f09e:/data# touch check.txt
root@c0b2e093f09e:/data# exit
exit
```

Point 3: Now , check inside the host directory all the changes will reflect here.

```
bhushan@ubuntu:~/Docker-Pract$ ls
check.txt  Dockerfile  Form.js  Login.html  Logout.html  script.css
bhushan@ubuntu:~/Docker-Pract$
```