Assignment:Docker Volumes

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- Create a docker volume: codemind_volume.
- Map it within container name: codemind_container1 to a location: /opt/log/.
- Get some data generated [touch [1..3].txt] inside container on location: /opt/log/.

```
snehal@ubuntu:~/assignment$ docker volume create codemind_volume
codemind_volume
snehal@ubuntu:~/assignment$ docker run -it -d --name codemind_container1 -v codemind_volume:/opt/
log/ ubuntu:latest
e086154e76cc97749f9f035efde20bd8bb36dbe0517a79eb68b72f65373b174a
snehal@ubuntu:~/assignment$ docker exec -it codemind_container1 bash
root@e086154e76cc:/# touch /opt/log/1.txt /opt/log/2.txt /opt/log/3.txt
root@e086154e76cc:/# ls
bin   dev  home  lib32  libx32  mnt  proc  run   srv  tmp  var
boot  etc  lib   lib64  media   opt  root  sbin  sys  usr
root@e086154e76cc:/# cd opt/log/
root@e086154e76cc:/opt/log# ls
1.txt  2.txt  3.txt
root@e086154e76cc:/opt/log# exit
exit
```

-Validate this data is getting copied in docker volume host's path.
- Remove container name: codemind_container1.
- Run a new container name: codemind_container1 with mapping of volume: codemind_volume.

```
snehal@ubuntu:~/assignment$ docker volume inspect codemind_volume
[
    {
        "CreatedAt": "2023-03-30T23:43:39-07:00",
        "Driver": "local",
        "Labels": {},
        "Mountpoint": "/var/lib/docker/volumes/codemind_volume/_data",
        "Name": "codemind_volume",
        "Options": {},
        "Scope": "local"
    }
]
snehal@ubuntu:~/assignment$ docker rm -f codemind_container1
codemind_container1
snehal@ubuntu:~/assignment$ docker run -it -d --name codemind_container1 -v codemind_volume:/opt/
log/ ubuntu:latest
5aa814e489d4f3ced29fbe0a6de04a6a1c635648602ec5dab734c83858156c6c
```

-Test and validate that data from previous container is getting reflected in the new container via this volume mapping.