Docker Part 2 Assignment – 1
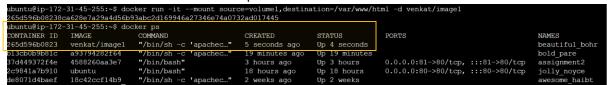
1. Launch the Apache2 container created in previous module
2. Create a Docker volume on /var/www/html
3. Please submit the commands in order to complete this assignment.

```
ubuntu@ip-172-31-45-255:~$ docker images
REPOSITORY                  TAG          IMAGE ID        CREATED           SIZE
venkat/image1               latest       a93794282f64    50 minutes ago    233MB
venkatnarayan16/first-repo  assignment3  4588260aa3e7    3 hours ago       233MB
venkat/ubuntu               assign3      4588260aa3e7    3 hours ago       233MB
venkat/ubuntu               latest       4588260aa3e7    3 hours ago       233MB
ubuntu                      latest       174c8c134b2a    9 days ago        77.9MB
kevin/custom                latest       aca5d3f07411    2 weeks ago       240MB
venkat/custom               latest       18c42ccf14b9    2 weeks ago       240MB
hello-world                 latest       9c7a54a9a43c    7 months ago      13.3kB
```

- A volume is created by docker volume create naming volume1

```
ubuntu@ip-172-31-45-255:~$ docker volume create volume1
volume1
```

The created volume is mounted to the Apache2 container

```
ubuntu@ip-172-31-45-255:~$ docker run -it --mount source=volume1,destination=/var/www/html -d venkat/image1
265d596b08238ca628e7a29a4d56b93abc2d169946a27346e74a0732ad017445
ubuntu@ip-172-31-45-255:~$ docker ps
CONTAINER ID   IMAGE         COMMAND              CREATED         STATUS         PORTS                                      NAMES
265d596b0823   venkat/image1 "/bin/sh -c 'apachec…" 5 seconds ago   Up 4 seconds                                             beautiful_bohr
513cb0b9b81c   a93794282f64  "/bin/sh -c 'apachec…" 19 minutes ago  Up 19 minutes                                            bold_pare
37d449372f4e   4588260aa3e7  "/bin/bash"          3 hours ago     Up 3 hours     0.0.0.0:81->80/tcp, :::81->80/tcp         assignment2
2c9841a7b910   ubuntu        "/bin/bash"          18 hours ago    Up 18 hours    0.0.0.0:80->80/tcp, :::80->80/tcp         jolly_noyce
de8071d4baef   18c42ccf14b9  "/bin/sh -c 'apachec…" 2 weeks ago     Up 2 weeks                                               awesome_haibt
```

Commands:

- docker volume create volume1
- docker run -it --mount source=volume1,destination=/var/www/html -d venkat/image1
- docker ps
- docker images