Module-3: Docker – I Assignment - 2

You have been asked to:

- **Save the image created in Assignment 1 as a Docker image**
- **Launch container from this new image and map the port to 81**
- **Go inside the container and start the apache2 service**
- **Check if you are able to access it on the browser**

- **The commands below can be executed to achieve the above task.**

```
root@MTLP-1751:~# sudo docker ps
^[[CCONTAINER ID   IMAGE     COMMAND       CREATED       STATUS       PORTS                NAMES
5d0aabddfde5   ubuntu    "/bin/bash"   2 hours ago   Up 2 hours   0.0.0.0:80->80/tcp   sai
root@MTLP-1751:~# sudo docker ps
CONTAINER ID   IMAGE     COMMAND       CREATED       STATUS       PORTS                NAMES
5d0aabddfde5   ubuntu    "/bin/bash"   3 hours ago   Up 3 hours   0.0.0.0:80->80/tcp   sai
root@MTLP-1751:~# sudo docker commit 5d0aabddfde5
sha256:6feda19911f3f43f63fc0d311ae55ade58c94f8942a33bb5dbbf7550301b214e
root@MTLP-1751:~# sudo docker commit 5d0aabddfde5 ubuntu:myimage
sha256:c840f2a3bd271ff630eba1bb23618ca93f866de81af7a85d613e577411b4c2a1
root@MTLP-1751:~# sudo docker commit 5d0aabddfde5 myimage
sha256:a9072a9d2d74a5404de2056b6339a492101a6276612803f24dfca9aca6cbc98b
root@MTLP-1751:~# sudo docker run -itd -p 81:80 myimage
59258a91e237d1b5cbd7bb5bad9203f35b60da9c4281be06f0c246a75afae16d
root@MTLP-1751:~# sudo docker exec -it 5d0aabddfde5 bash
root@5d0aabddfde5:/# service apache2 status
 * apache2 is running
root@5d0aabddfde5:/# service apache2 start
```

Then redirect to local host by using http://localhost/ we can get the default apache2 web page in our browser as shown below.