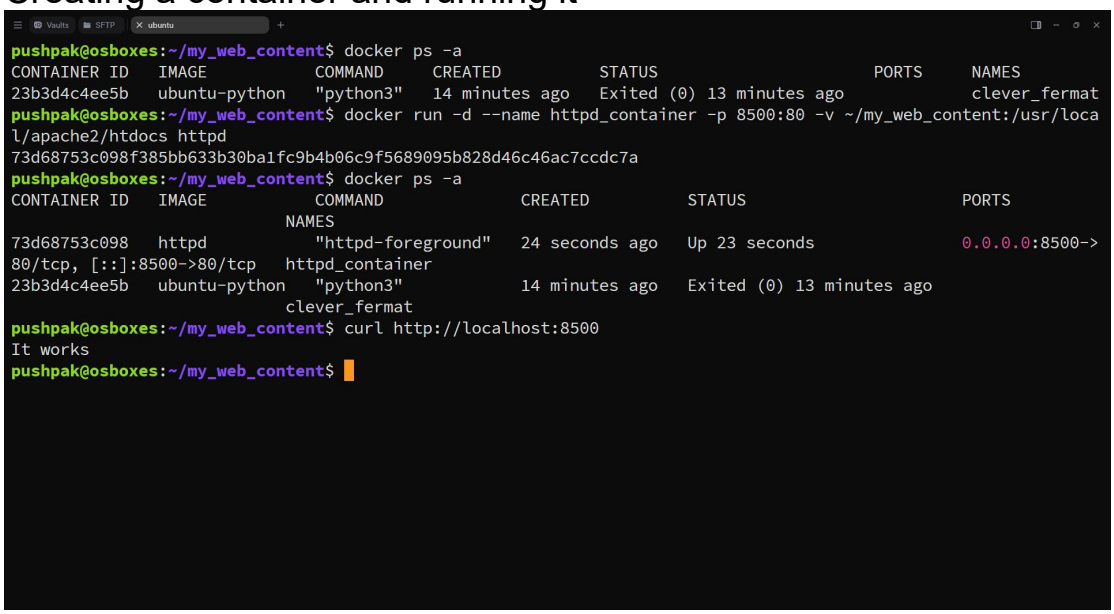
Assignment 5

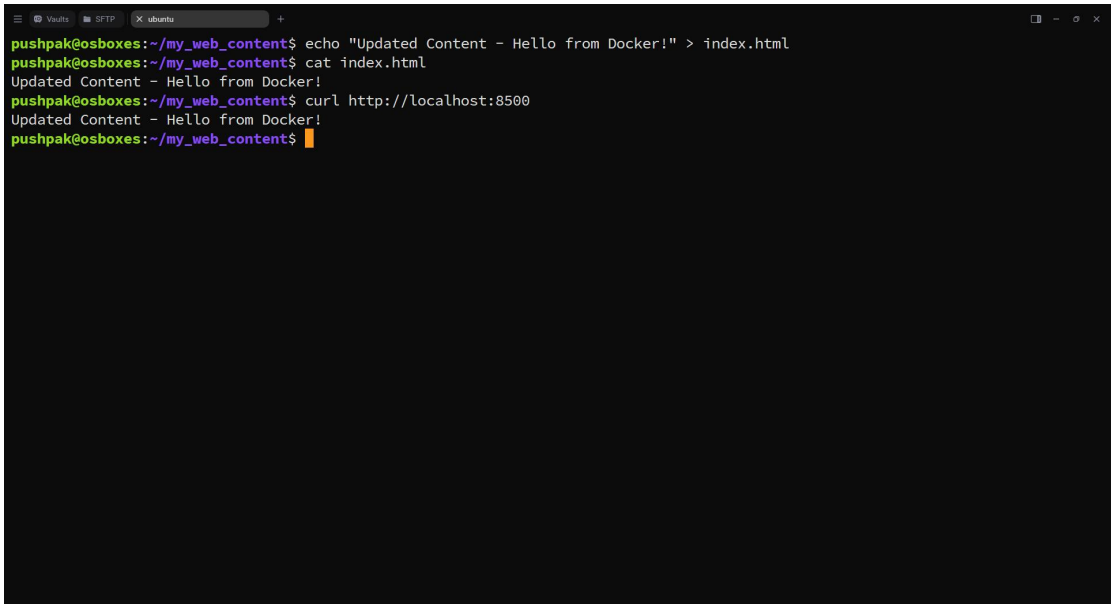
Question 1

Creating a container and running it

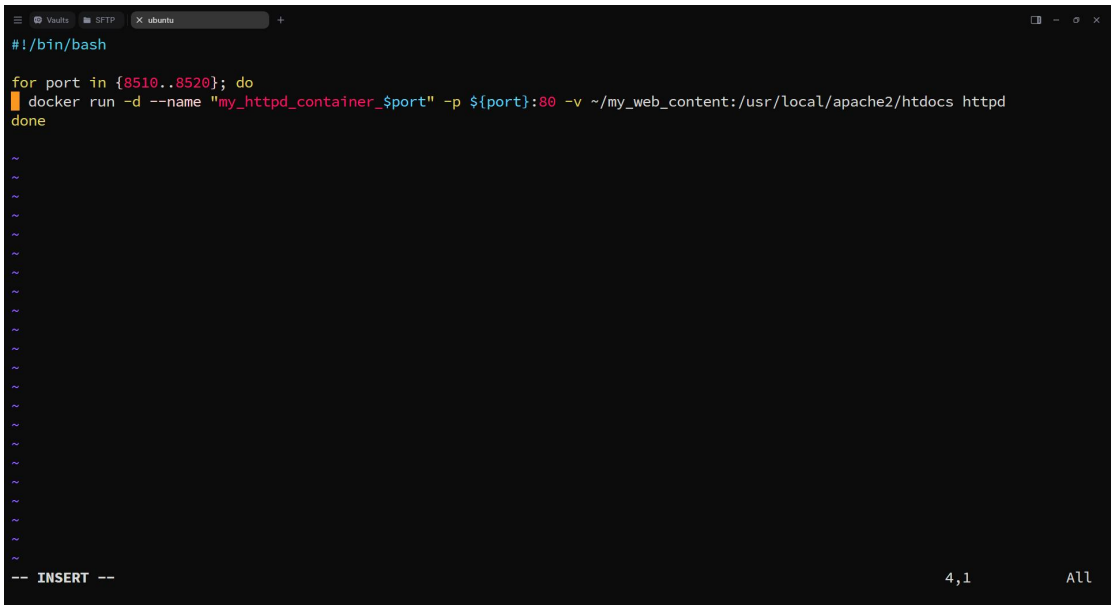


Question 2

Modifying index.html and running it on curl



Creating 10 clusters using bash



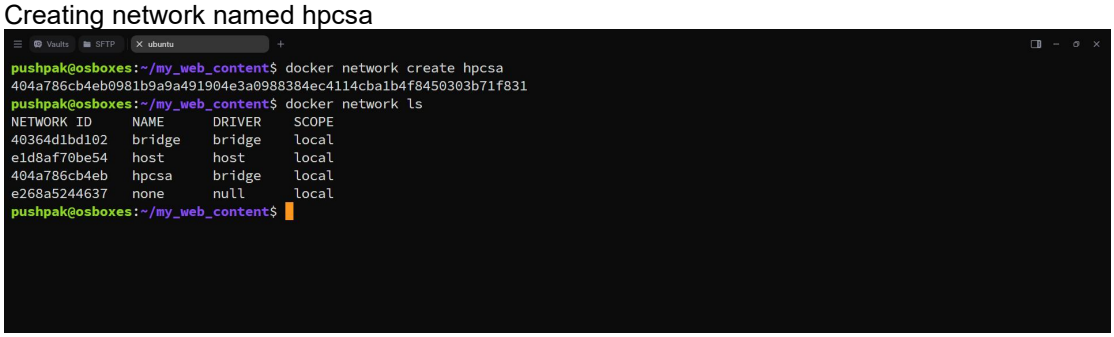
```
pushpak@osboxes:~/my_web_content$ echo "Updated Content - Hello from Docker!" > index.html
pushpak@osboxes:~/my_web_content$ cat index.html
Updated Content - Hello from Docker!
pushpak@osboxes:~/my_web_content$ curl http://localhost:8500
Updated Content - Hello from Docker!
pushpak@osboxes:~/my_web_content$ vi container-create.sh
pushpak@osboxes:~/my_web_content$ vi container-create.sh
pushpak@osboxes:~/my_web_content$ chmod +x container-create.sh
pushpak@osboxes:~/my_web_content$ ./container-create.sh
6625cad7d35b57e9cfa051ef3c9b8bed4f35e0c82ca43c9708727c4153d402f4
4006a5fa89be039b31091e7d0e23dea0f4bbbf9dab8035edd51b93f9309586ea
fde3b9db80e472e5a16cf9e0a2ddd7ab23b2d155e8466587c3f554de1b142379
679e423cfaaaa7bde9f4d866b405be59d7a3c381d74e88473d37f925835bb19c
56cdb78dbf0b8f16b02e85da526023535c7c16bab1ee221516446680ab7482c2
709cc636f0432d8dffcd0b9e8f69b40bb5eacb0401af5104bda34a16b4f4618b
d858f13fd8a37f3b16ae5489aafbfd01c037e5337fa57136a977a7c138d3103e
084e010060dbbbb61b221cf47c38f5020def088b979a2642d05a5f6985a947e2
fa4b3c183738c4feed0b15fbcb81a3777412d37dc8f14c44cc8577cb60c7c26e
449be936f8caf7f52d5531f985eb35fcce08394e7fa0148b650fec650db538fb
09191dbc6c4fef9eb80ac06438d6afbc7cfc8ac3b561cc72410c0d583efaa661
pushpak@osboxes:~/my_web_content$
```

Output from the url

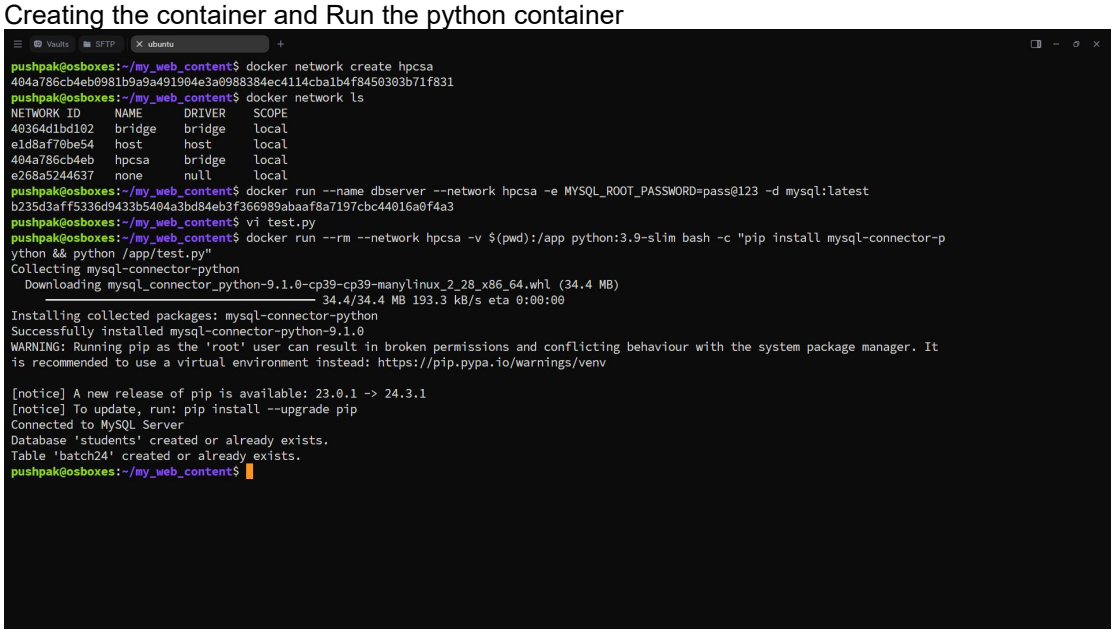
```
pushpak@osboxes:~/my_web_content$ ./running-url.sh
Sending request to http://localhost:8510
Updated Content - Hello from Docker!

Sending request to http://localhost:8511
Updated Content - Hello from Docker!

Sending request to http://localhost:8512
Updated Content - Hello from Docker!

Sending request to http://localhost:8513
Updated Content - Hello from Docker!

Sending request to http://localhost:8514
Updated Content - Hello from Docker!

Sending request to http://localhost:8515
Updated Content - Hello from Docker!

Sending request to http://localhost:8516
Updated Content - Hello from Docker!

Sending request to http://localhost:8517
Updated Content - Hello from Docker!

Sending request to http://localhost:8518
Updated Content - Hello from Docker!

Sending request to http://localhost:8519
Updated Content - Hello from Docker!

Sending request to http://localhost:8520
Updated Content - Hello from Docker!

Finished sending requests to all URLs.
pushpak@osboxes:~/my_web_content$
```

Question 3

Creating network named hpcsa



Creating the container and Run the python container



Code