

Homework: V

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Q2 Solution-

- Docker commands used in this question are described below:-

`docker pull httpd` //Pull a stable docker image "httpd" for "Apache http web-server" from the Docker-Hub registry.

`docker image ls` //List all of the images which are locally stored with the Docker Engine

`docker container ls` //List all of the running containers and also list stopped containers by adding `-all`

`docker build -t my-apache2 .` //Build an image named as "my-apache2" in the current directory from the Dockerfile and tag the image

`docker container run --name grp-member2 -p 8080:80 my-apache2`

//Run a container from the Apache version 2.4 image with running container's name as `grp-member2` and expose port 8080 externally which mapped to port 80 inside the container.

`docker push anubh123/my-apache2-http` //Push image to Docker-Hub registry's username- "anubh123" and repository name- "my-apache2-http"

- The dockerfile with name "**Dockerfile**" as well as the html-file given in qn2 for testing its working named as "**q2page.html**" has been shared.

- Link to my Docker-Hub Repository:- <https://hub.docker.com/repository/docker/anubh123/my-apache2-http>