

Problem 1:

- Run a container nginx with name my-nginx and attach 2 volumes to the container using volume mount
- Volume1 for containing static html file
- Volume2 for containing nginx configuration
- Edit the html content
- Remove the container
- Run a new 2 containers with the following:
 - Attach the two volumes that were attached to the previous container using volume mount
 - Map port 80 to port 8080 on you host machine
 - Access the html files from your browser

Problem 2:

- Run a container Nginx with name nginx-bind-mount and attach 2 volumes using bind mount under any paths
- Remove the container
- Run a new container with the following:
 - Attach the two volumes that were attached to the previous container
 - Check the old data in the new containers

Problem 3:

- Create 2 nginx containers with 2 different network of type bridge, enter to one of them and use curl command to view the content of the other container.

Problem 4:

- Create docker compose with:
 - Two services nginx and mysql
 - Add needed ports and environments for both services
 - nginx service is depending on mysql service