## Problem 1:

- Run the container hello-world
- Check the container status
- Start the stopped container
- Remove the container
- Remove the image

## Problem 2:

- Run container centos or ubuntu in an interactive mode
- Run the following command in the container "echo docker "
- Open a bash shell in the container and touch a file named hello-docker
- Stop the container and remove it. Write your comment about the file hello-docker
- Remove all stopped containers

## Problem 3:

- Deploy a MySQL database called app-database. Use the mysql latest image, and use the -e flag to set MYSQL_ROOT_PASSWORD to P4sSw0rd0!. The container should run in the background.

## Problem 4:

- Run the image Nginx
- Add html static files to the container and make sure they are accessible
- Commit the container with image name IMAGE_NAME

## Problem 5 (Bonus) :

- Run a container Nginx with name mynginx and attach a volume for containing static html file
- Remove the container
- Run a new container with the following:
    - Attach the volume that was attached to the previous container
    - Map port 80 to port 9898 on you host machine
    - Access the html files from your browser