**Objectives**

Gain experience:

* Create a Docker image.
* Run a web app in a Docker container.
* Use Docker Compose to run services in two containers.

**Part 1. Docker Exercises**

Read the Docker [Getting Started](https://docs.docker.com/get-started/) guide, parts 1, 2, 3 and 5. Do all the steps that can be done on your development machine. Unfortunately, we don’t currently have a Linux host we can use for production deployment.

**Part 2. Containers for Your Own App**

Create an image for your own web app (one that uses a database) and create an image for a container that will run a database engine (like MariaDB). Use Docker Compose to connect the web app container to the database container and run them on your local development machine.

**Submission to Moodle**

Production Version

1. Merge your work into a branch named lab9-master.
2. Submit the URL of your master branch to Moodle using “online text”. Please do not put it in a comment.
3. Upload a document containing screen-shots of your docker exercises as well as of your app running in a container.