LU04e - Adding and testing an API

Internal reference: learningunits/04-5.md

Goals

1. I can migrate/prepare an app for testing over the network (primarily http)
2. I can set up and run the app in container.
3. I can run prepared tests (primarily unit test) against the containerized app.
4. If there are any errors, I can analyze the error, suggest and test an initial workaround (troubleshooting).

Basics

Life Demo Project Traffic light with the following steps:

1. Start the containerized app
2. Test welcome message with curl
3. Run unit tests against the API

Exercises

1. Setup Jenkins `03/02_Exercises/01-Exercise.md` to `03-Exercise.md` - according to the learning objectives (see course repository).
2. If there is an error, read the message carefully, think about a solution and implement it.

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