Lab 6b –Selenium

In this lab you will learn to do less yourself ...
You will write tests for the website you are making, to automate the testing. To do this, you will use Selenium web driver, one of the most commonly used tools to write browser tests.

Assignment: Book Shop

Download the book shop project (Gegeven.zip). **Create a new Java EE Web Project** in IntelliJ. Copy the given files to the right place. Add the necessary libraries. Run the project.

Write a selenium test for the book shop project:
- Create a new *folder* `test` and mark this directory as a Test Sources Root
- In this folder, create a package ui.`view`
- In this package, create a new Java Class `BookShopTest.java`
    - Use Junit 4. You can add it manually to the module dependencies (or libraries), or follow the suggestion of IntelliJ while creating your first test method.
    - When you add an annotation (e.g. @Before, @After, @Test): choose the suggestion from Junit ("org.junit").
    - Implement following methods:
        - setUp method where you
            - make a link to the chromedriver
            - make a new chromedriver
            - navigate to the correct URL
        - clean method where you close the browser
        - a method to test
            - If you can navigate to the form (by checking the title of the page)
            - When leaving all fields blank and submitting the form, the form should show again with an error message. Check if that's true.
            - When entering the title "Alles Komt Goed", price "10" and number of books "7" and submitting the form, you should arrive on a page with the result. Check if the result is OK.
        - Run your test class until all tests are passed.