**1) Write an automated test for an e-commerce site, picking one of your favourite websites. You need to implement the following tests:**

• Login

• Searching products by three criteria

• Adding products to the cart

• Checkout process without actually paying for

**2) Write an automated test for a REST API service:**

• Choose an API of your liking. Here are some sources: https://github.com/public-apis/public-apis, https://swapi.dev/, https://any-api.com/

• Create a project that integrates with this API

• Write 2 test cases (it can be happy paths; you don't need to find bugs)

**For the two tasks above:**

• Prepare a document with the test flows and test cases. The document must be clear both to the developer and to someone who is not familiar with the technology.

• Clear instructions on how to run the project and see the tests pass.

• Clean code. It is important that other people can jump in your project with minimal effort.

• Add an HTML report of test results.

• Optional: Find a bug either on the website or API.

• Optional: Run tests in a continuous integration tool and optionally in the cloud