First of all:
A detailed guide can be found in the document: "More details.pdf".
I would like to emphasize that for the test the acceptance criteria are:

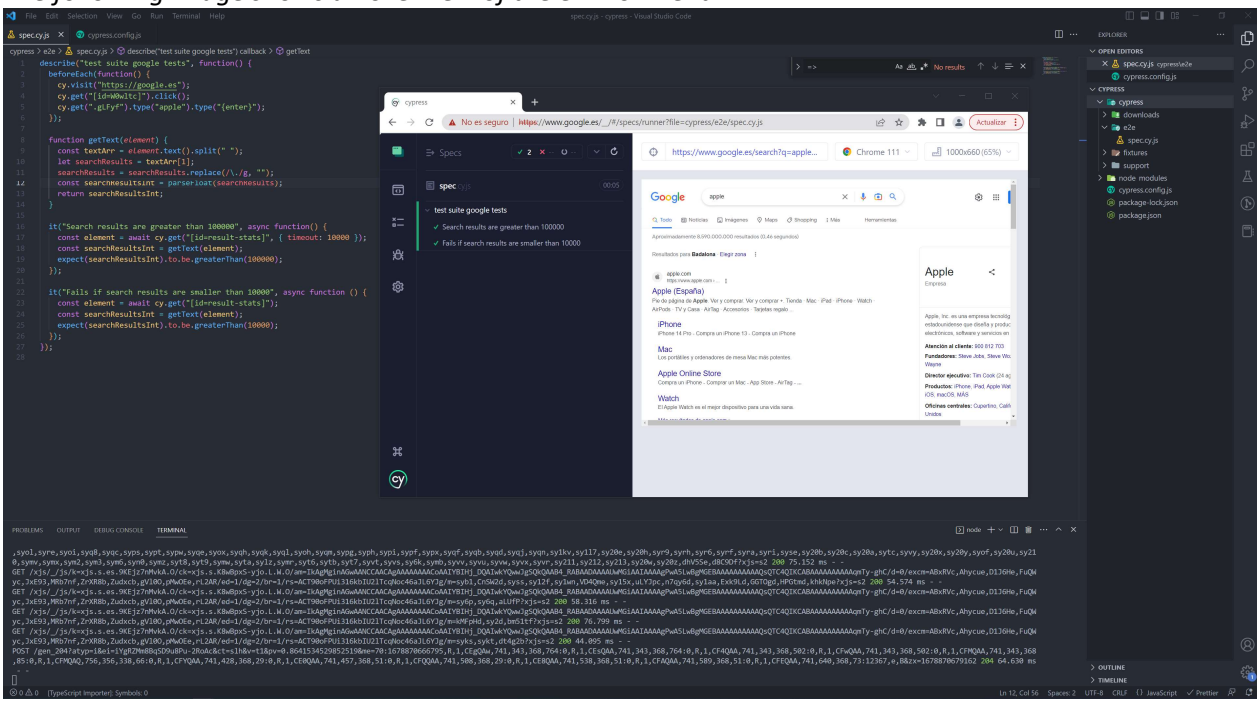
- More than 100,000 results [OK]
- Less than 10,000 results [NOK]

```
- Open google.es
- Search Apple
      - More than 100,000 results [OK]
      - Less than 10,000 results [NOK]
- Report the results
```

This detail is important because if the first acceptance criterion is met, the second will always be met.

Technology used.
For this technical test I decided to use Cypress and JavaScript. I have made two test cases. The code for the test cases can be found in the file "spec.cy.js" in the following path: \technical_Test\cypress\e2e\spec.cy.js

The following image shows an overview of the environment:



The complete project can be downloaded from GitHub:
https://github.com/odelcampo/Cypress_Technical_Test

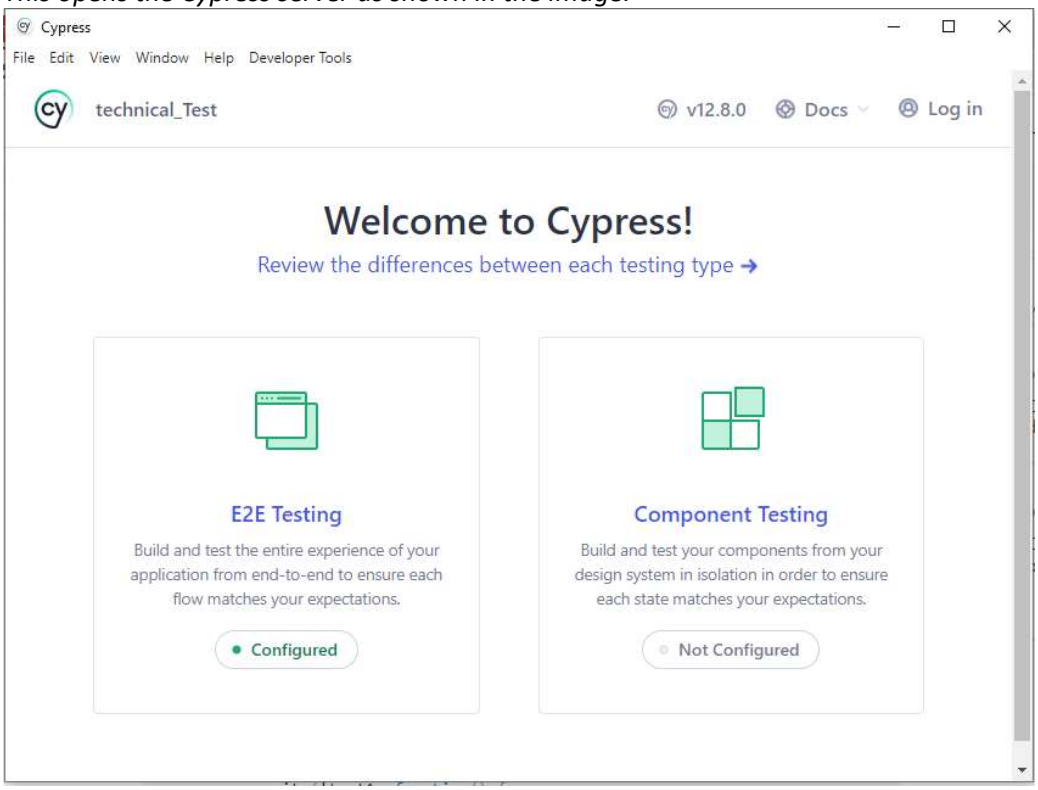
Installation details.
For the preparation of the environment and the correct execution of the tests it is recommended to follow the installation and configuration steps shown in the Cypress documentation:
https://docs.cypress.io/guides/getting-started/installing-cypress

Implementation details

After having the Cypress environment installed and configured correctly:

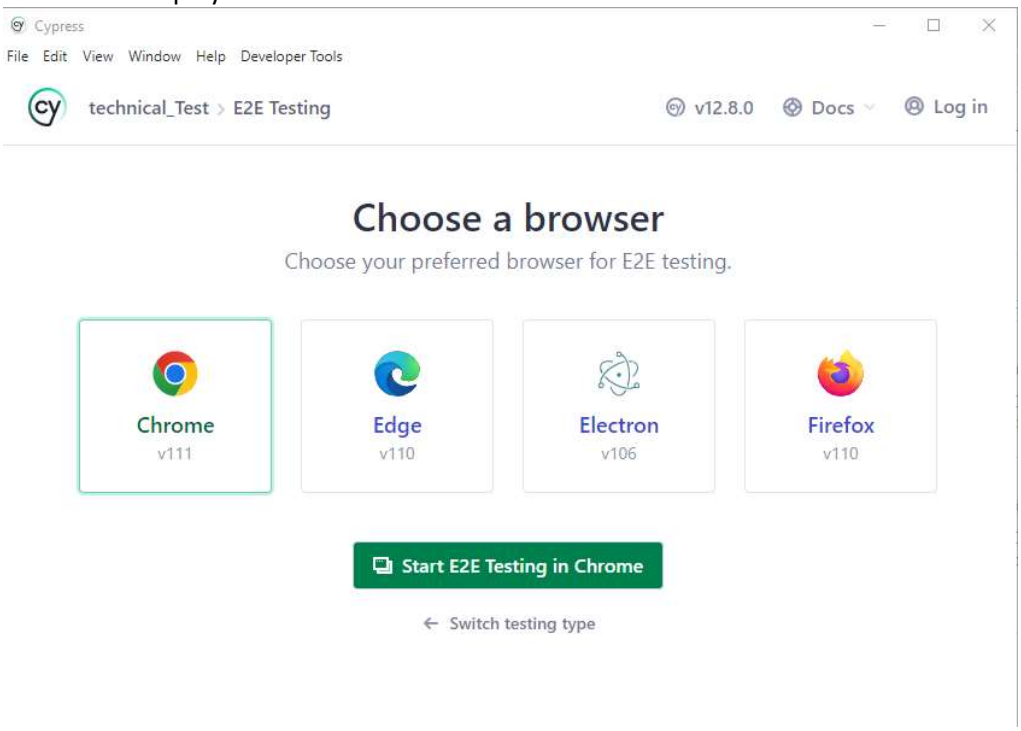
1. Run in a terminal (CMD, or the IDE itself) the following command:
   npm run cypress:open

This opens the Cypress server as shown in the image:



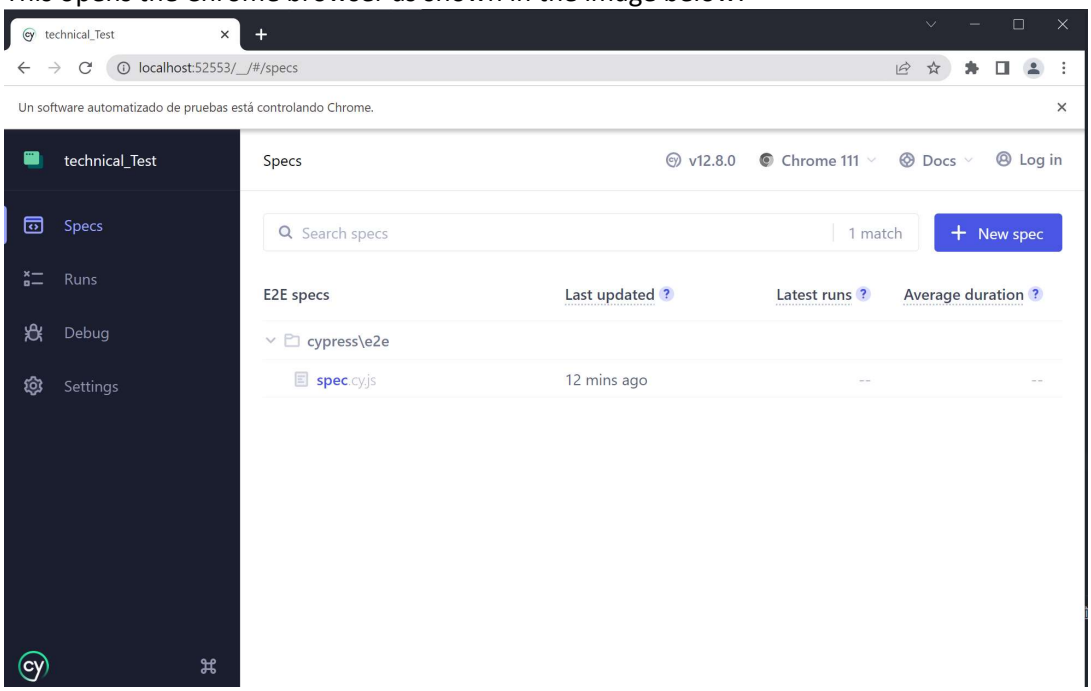
2. Select the 2E2 Testing option.

This action displays the browser selection screen.

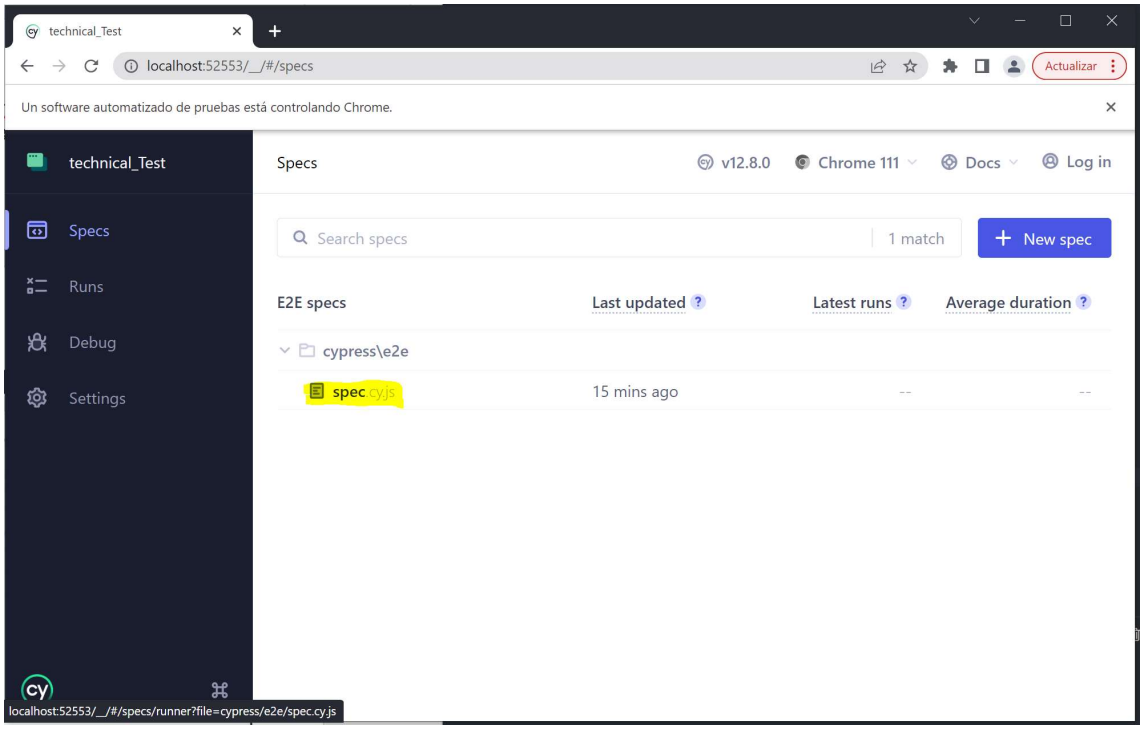


3. Select the Chrome option and click the "Start E2E Testing in Chrome" button.

This opens the Chrome browser as shown in the image below:

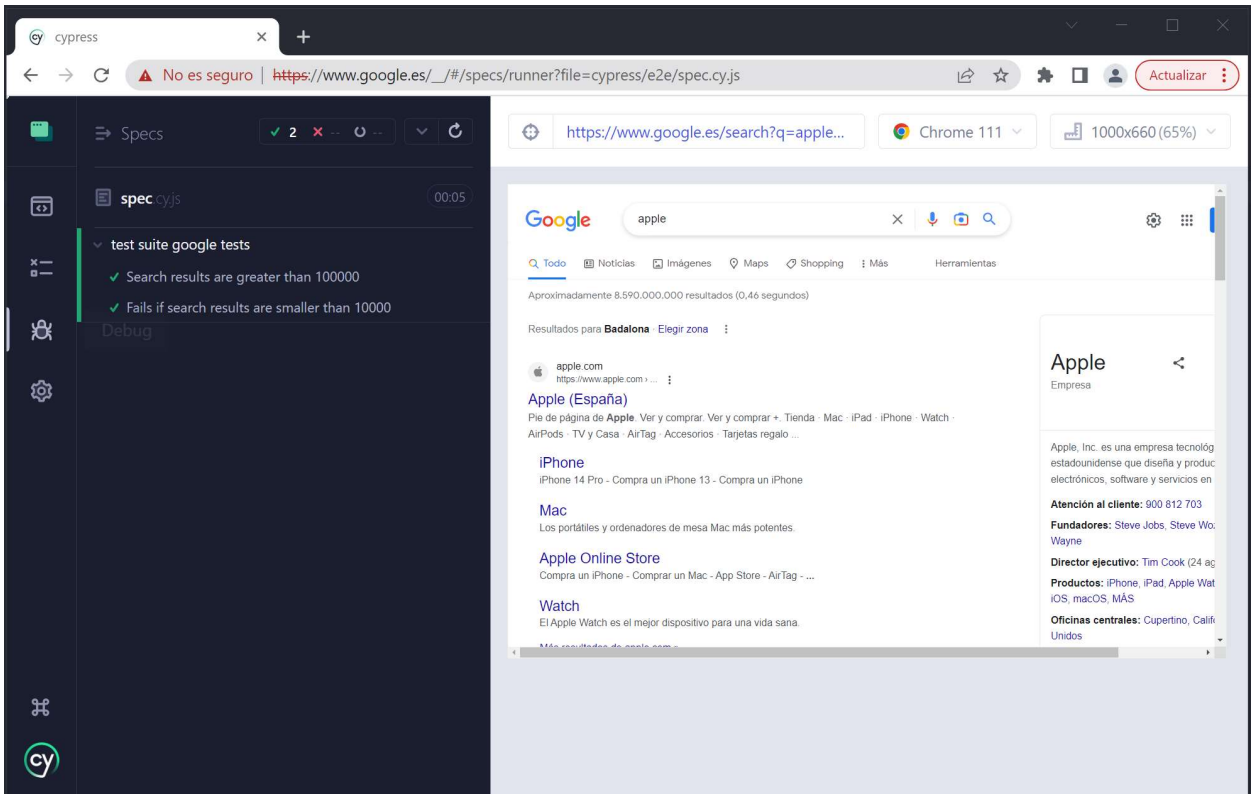


4. Click on the spec.cy.js link to run the test suite (the two test cases).



Report Result.

The test results can be seen in the following image:



Conclusions.

The test is very interesting: at first it seems very simple, but having Google.es as a test object adds interesting details:

- Not all page elements have an "id" defined.
- The reference value (search result) is a dynamic value. And it is displayed formatted (8.559.000.000.000). The format can vary depending on the language.

I don't want to say that what I'm delivering is the best I can do in such a short time... because as I'm a tester I think everything can be improved.

- The report of results is very improvable. I think it's valid as evidence, but...
- The architecture of the project can be improved and it would be very useful to add Cucumber.

I prefer to think that this exercise can give an opportunity for two professionals to have a good technical talk.