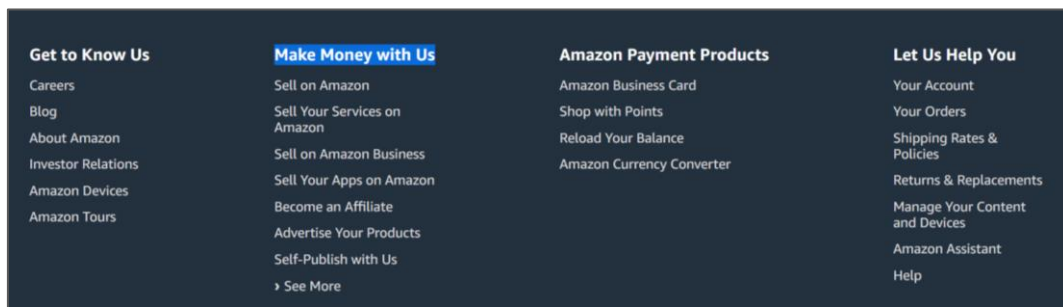
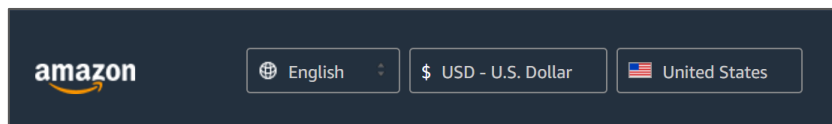


GUI Testing – Exercises

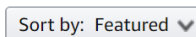
1. Install [Katalon Recorder](#) as a browser extension for Chrome. Then, create a new test suite and record your first test case: you should open the website of Amazon (<https://www.amazon.com/>) and check that the title of the page is equal to "Amazon.com. Spend less. Smile more.". Note that the expected value must be entered in the "Target" field.
2. Let us create a new test: open the website of Amazon and check that the text "Today's Deals" appear somewhere within the main page (command `assertTextPresent`).
3. Open the website of Amazon and check that the page includes the text "Make Money with Us" as the header of the second column of links in the footer (command `assertText`).



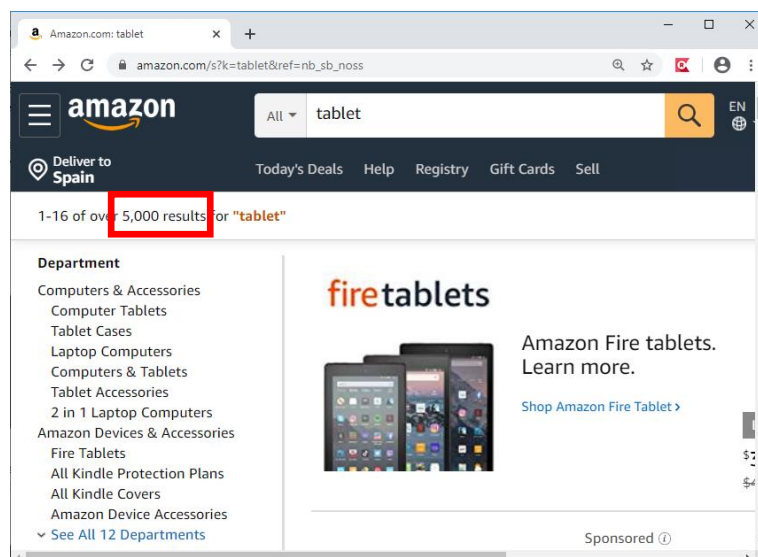
4. Open the website of Amazon and use the dropdown menu at the bottom of the page to select the Euro currency. Once selected, check that the selected text in the menu is equal to "EUR - Euro".



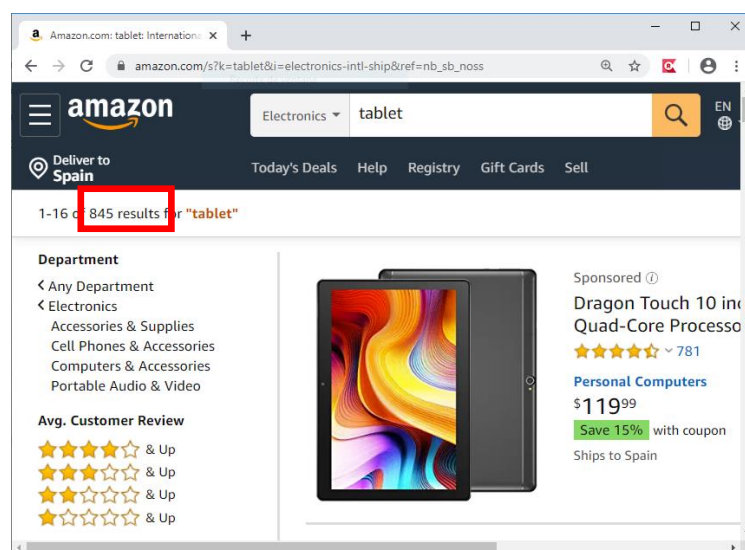
5. Open the website of Amazon and perform a search for products using the keyword "tablet". Then, check that the default value of the ordering criterion selector is "relevanceblender" (command `assertValue`).



6. Open the website of Amazon and perform a search for products using the keyword *"tablet"*. Then, check that the title of the page is *"Amazon.com: tablet"*.
7. Repeat the previous test, but this time use a variable *"keyword"* to store the search keyword before using it. To create the variable you must use the command Store with Target=*"tablet"* and Value=*"keyword"*. After this, you should be able to access the value of the variable using the syntax *\${variable_name}*.
8. Let's perform our first metamorphic tests. Perform a search for *"blanket"* and store the number of results in a variable with name *"result"* (command *storeText*). Next, perform a search for the same keyword restricting it to the *"Electronics"* department. Finally, check that the number of results of the latter search (filtered) is not equal to the number of results obtained in the former search.

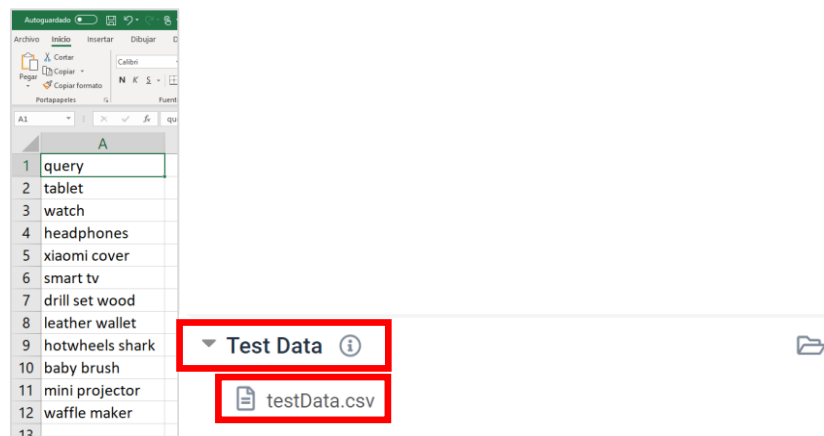


Source test case



Follow-up test case

9. Perform two searches with the same keyword using a different sorting criterion on each of them, for example, *“Price: Low to High”*, and *“Price: High to Low”*. The number of results of both searches should be equal.
10. Let's generalize the previous test using a data-driven approach. Create a CSV file named *“testData.csv”* including a single column with 10 random search queries. The header of the column should be *“query”*. Next, upload the file to Katalon Recorder using the *“Test Data”* tab in the menu. Once loaded, the variable *“query”* should be accessible from the test case designer.



11. Create a new test suite and create some test cases for the application <https://katalon-demo-cura.herokuapp.com/>