Cypress Exercises

We will use the website <https://demoqa.com/> to practice Cypress, specifically, we suggest focusing on the ‘Elements’ section. You can split the test suite(s) and test-cases(s) however you like but remember that they should be logically sound and divided.

All exercises below are from the Elements section:

1. Text Box

Fill out the forms by locating each field with either id, class, placeholder, or any other attribute.

Locate and click the submit button.

1. Checkbox

Expand the file directory to Home à Documents à WorkSpace à React and only check off React (Hint: [.children()](https://docs.cypress.io/api/commands/children.html#Syntax) and [.eq()](https://docs.cypress.io/api/commands/eq.html#Syntax) may come in handy!)

Confirm that React is checked off.

1. Radio Button

Check off one of the options.

Attempt to check off the disabled button.

1. Web Tables

Select to view 5 rows at a time instead of 10 rows in the dropdown menu.

Add a row through the registration form.

Edit one of the existing rows to contain identical information from your added row.

Search for your rows and delete only the last one.

1. Buttons

Click all the buttons.

1. Links

Check that both links will open a new tab.

Check that the APIs sends back the correct status.

1. Broken Links – Images

Check if the image is broken. (You can skip this entire section if you want. However, if you want to try solving it [this page can be of some help.](https://stackoverflow.com/questions/51246606/test-loading-of-image-in-cypress)

1. Upload and Download (skippable)

Check that the file is downloaded after pressing download.

In order to test file upload, you need to download [Cypress File Upload.](https://www.npmjs.com/package/cypress-file-upload)

1. Dynamic Properties

Target and get the text that has random Id.

Get the button that enables after five seconds.

Assert that the color button has the color white, and then assert that the color button has red color after some time. (Hint: Use [Hex to RGB converter](https://www.rapidtables.com/convert/color/hex-to-rgb.html) to find the exact RGB code.)

Find the button that becomes visible after five seconds.

If you’re done with all the exercises, you can try to test the included [Book Store Application](https://demoqa.com/books) which simulates a real-world book application.