

# Challenges

## Challenge: Find and use the View Page Source functionality

For each browser, identify how to access the View Page Source functionality. Try each way of doing it, see which you prefer.

The approaches I have listed below might have changed in the version you are using, and if they have - try and find the updated way of doing it:

Chrome:

- Right click on the page and “View Page Source”
- Ctrl + U (windows), Command + Alt + U (Mac)
- visit a url with view-source:<url> instead of <http://<url>>

Firefox:

- right click on the page and “View Page Source”
- Ctrl + U (windows), Command + U (Mac)
- visit a url with view-source:<url> instead of <http://<url>>

IE 11:

- right click on the page and “View Source”
- Ctrl+U
- Menu “View \ Source”

Microsoft Edge:

- right click on the page and “View Source”

Safari Mac:

- right click on the page and “Show Page Source”
- Menu “Develop \ Show Page Source”

- Command + Alt + U

## Challenge: Compare the functionality of the different browsers View Page Source

What differences do you notice between the different browser views?

Write down the differences that you find so you know what the different view sources are good for. Remember this functionality checks over time, so revisit your list when the browser versions change.

How might the differences help your testing?

If you can answer this question and keep doing this for every function that you find in the browser you will be well on your way to gaining an edge over other testers and developers. Too many people use the features for what the 'tutorial' material suggests instead of identifying alternative ways of using the functionality.

## Challenge: View some real page source

Now we want to view some real page source and see what we see.

We really want to try and identify gaps in our knowledge, and make sure we spend some follow up time plugging those gaps. But also, see if you can find any problems on the page and see if the browsers implement View Page Source in ways that help you spot problems more easily than other browsers.

And your challenges are:

Visit some of the systems you work with and View the Page Source. Visit some of your favourite web sites on the web and View the Page Source. Find some reference sites for HTML, CSS, JavaScript

*Visit some of the systems you work with and View the Page Source*

What HTML concepts are listed in the source that you don't understand? Make a list of the

HTML tags and look them up. Look at the linked CSS - do you understand what it is doing? How much of the page functionality is actually CSS styles? e.g. :hover Look at the JavaScript - is it readable? Do you understand it? Are there any comments in the page? Try and find them (Ctrl + F, Command +F)

*Visit some of your favourite web sites on the web and View the Page Source*

How do they differ from your systems? Are they more complicated under the covers than you thought? Do they seem more complicated than they need to be for the function that they serve? Perhaps you can dig deeper and find out why?

- Find some reference sites for HTML, CSS, JavaScript\*

Find some reference sites that will help you understand what the HTML tags and other HTML, CSS, JavaScript commands and syntax mean so that you can plug your gaps.

This will get you in the habit of looking for your own answers, and you'll find material that is appropriate and helpful for your current level of knowledge.