

candour

View source and the DOM



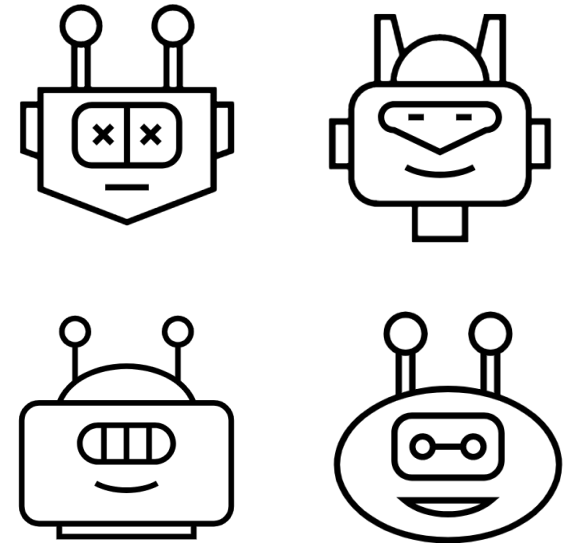
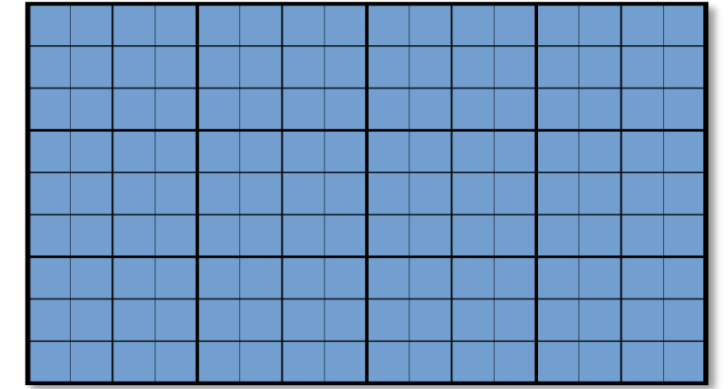
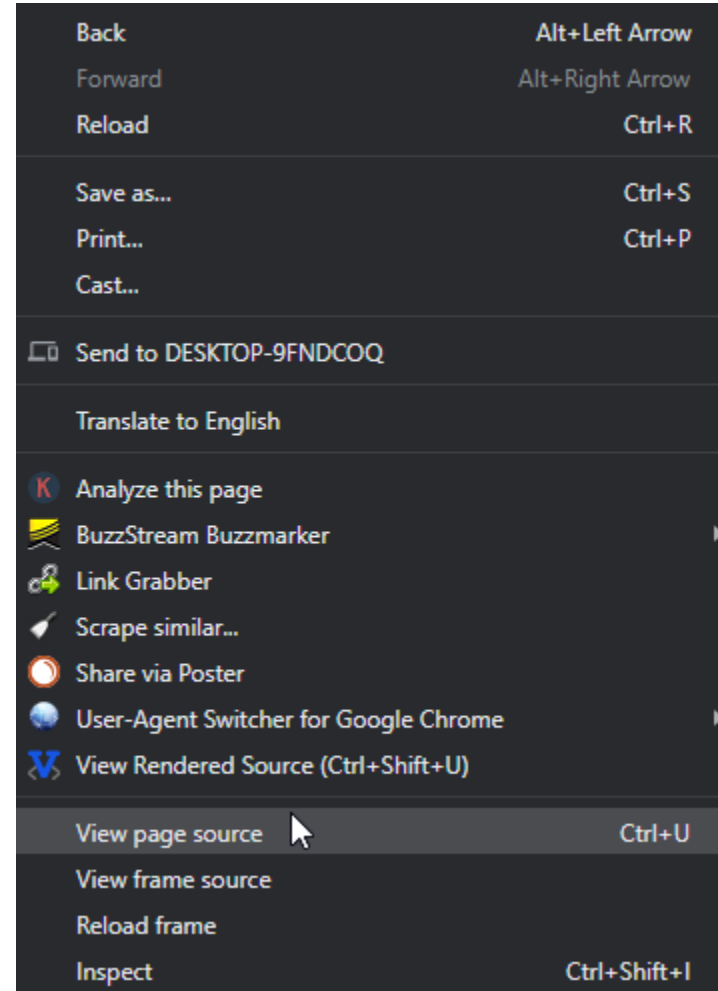
Trainer:

Mark Williams-Cook
Candour



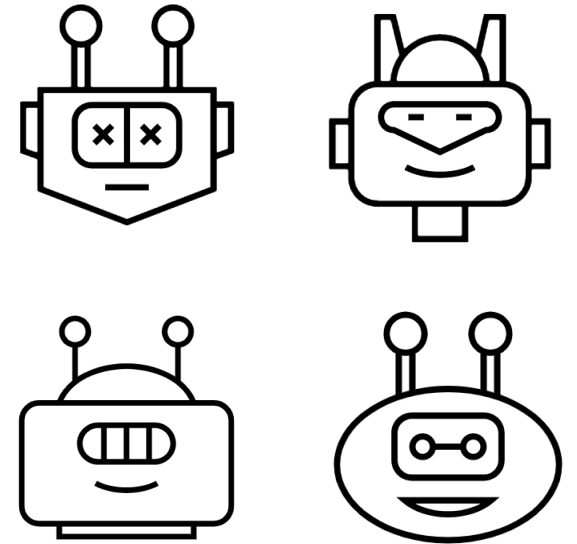
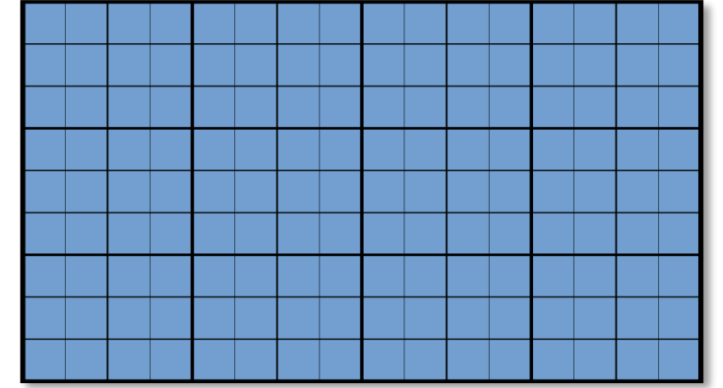
View source

- **‘View Source’** will show you the ‘raw’ HTML that has been sent from the server.



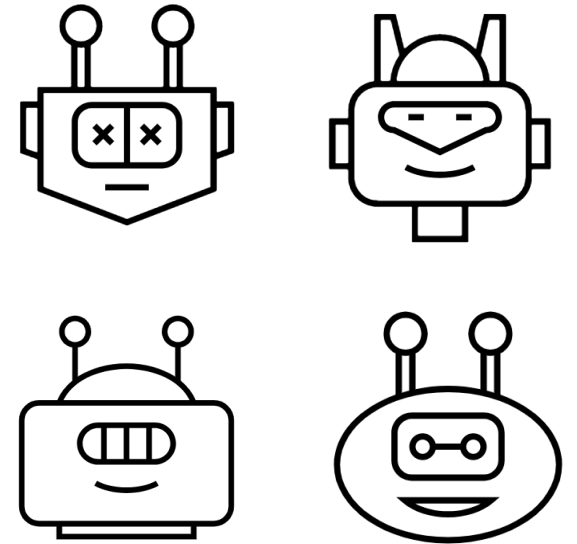
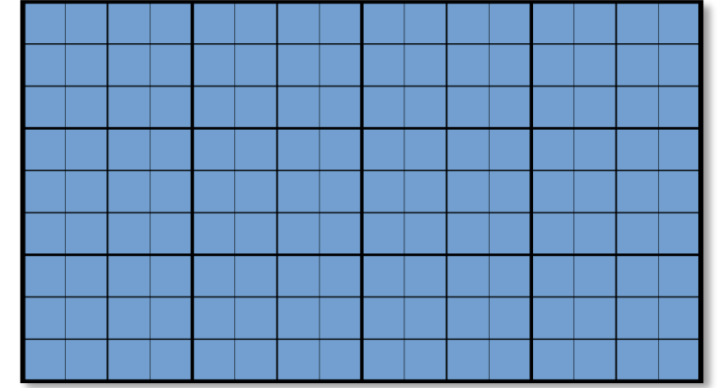
DOM

- Stands for **D**ocument **O**bject **M**odel



DOM

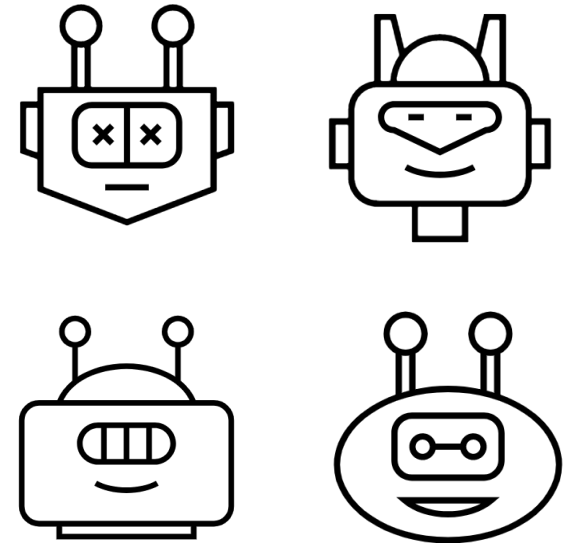
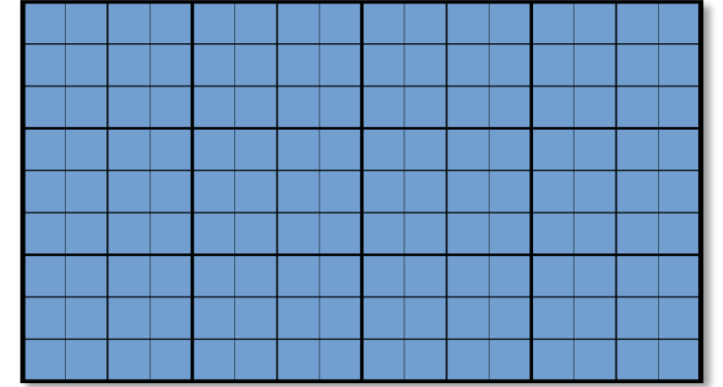
- Stands for **D**ocument **O**bject **M**odel
- The DOM is constructed by the browser after 'client side rendering' (CSR) takes place



View source and the DOM

DOM

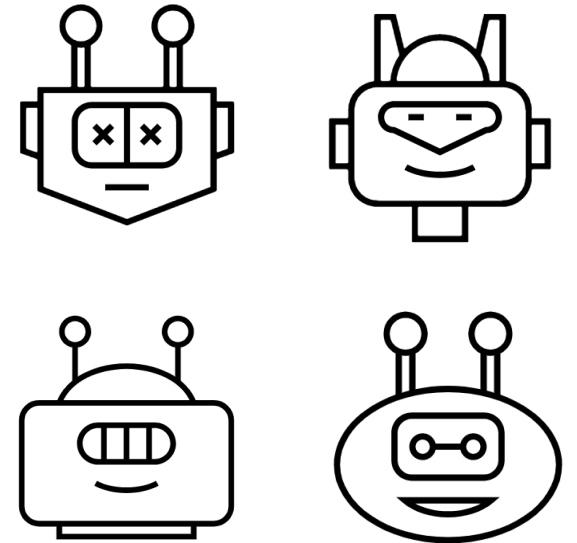
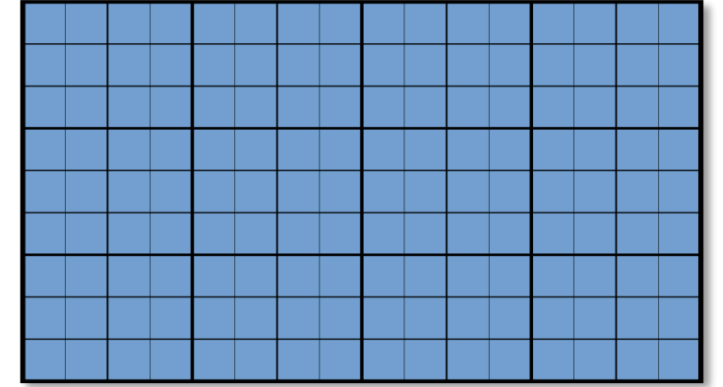
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- The DOM is constructed by the browser after 'client side rendering' (CSR) takes place
- This means the browser has completed everything its end, such as execute Javascript



View source and the DOM

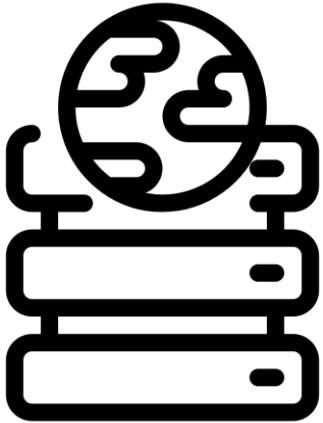
DOM

- Stands for **D**ocument **O**bject **M**odel
- The DOM is constructed by the browser after 'client side rendering' (CSR) takes place
- This means the browser has completed everything its end, such as execute Javascript
- You can think of it as the 'final state' of View Source

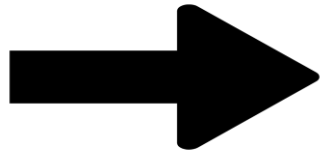


Client side and server side

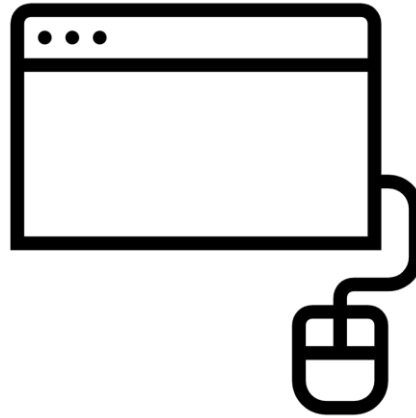
Web server



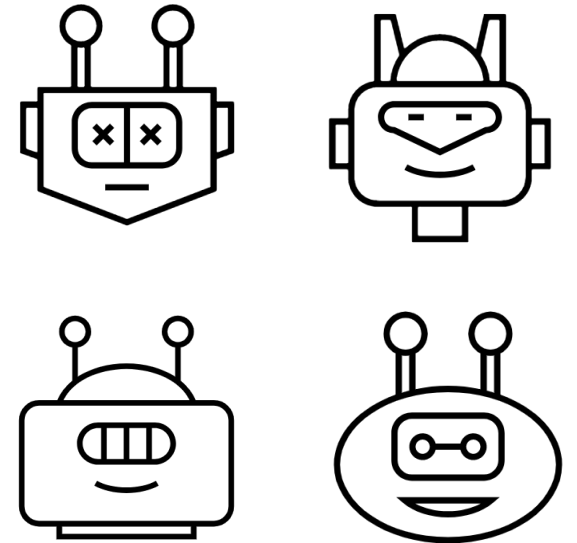
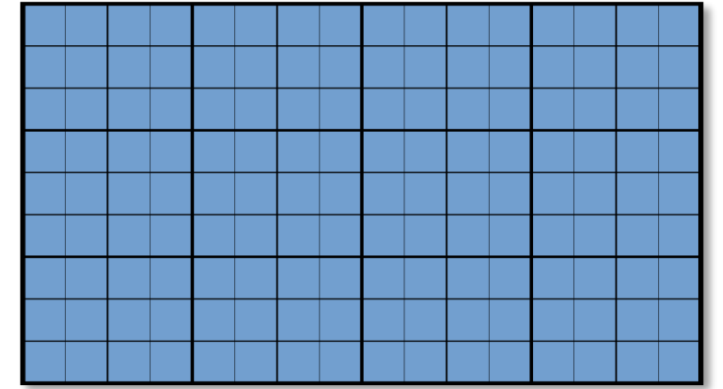
‘Server side’



Your browser



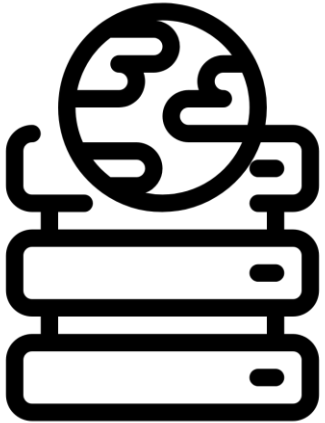
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View source and the DOM

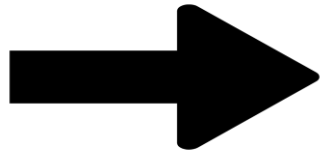
Client side and server side

Web server



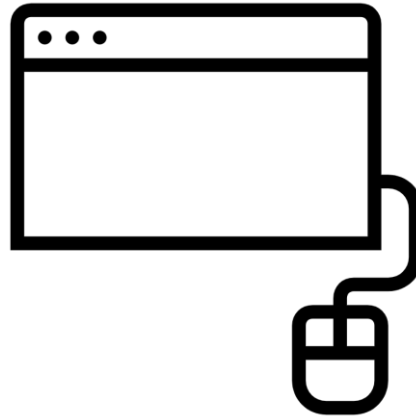
‘Server side’

Raw HTML

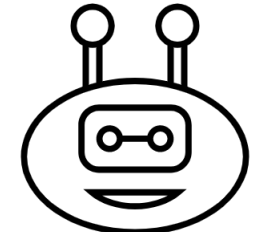
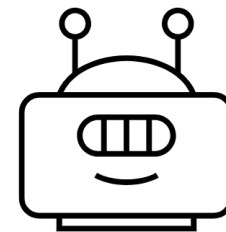
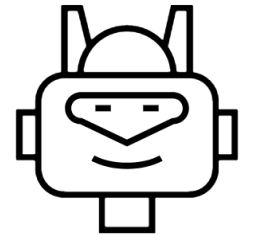
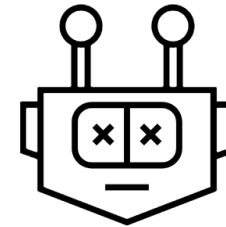
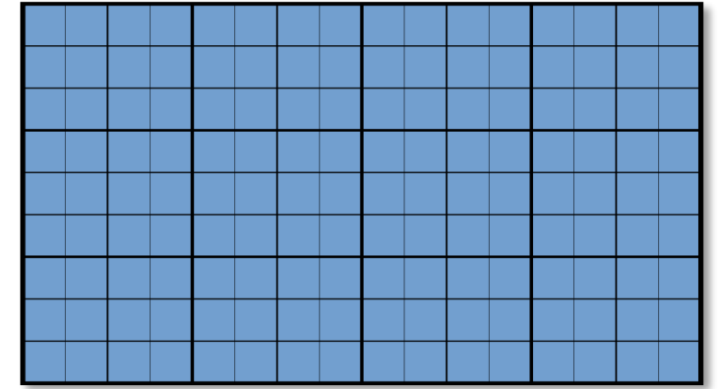


View Source

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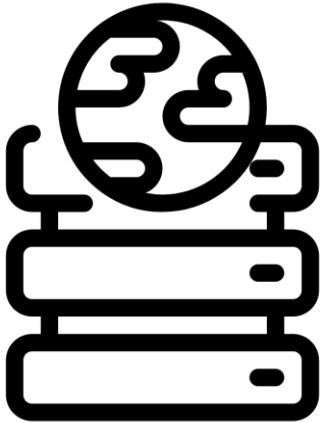
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View source and the DOM

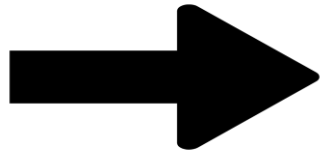
Client side and server side

Web server



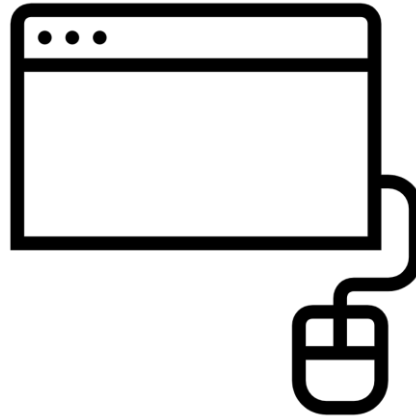
‘Server side’

Raw HTML

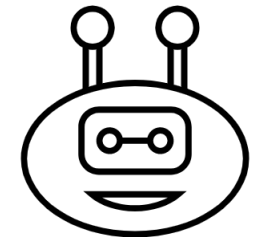
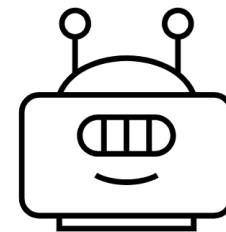
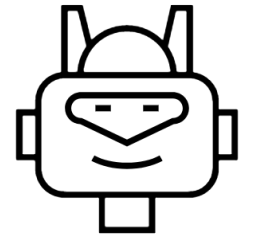
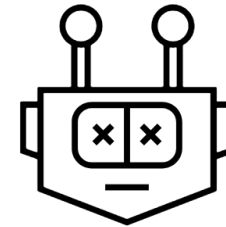
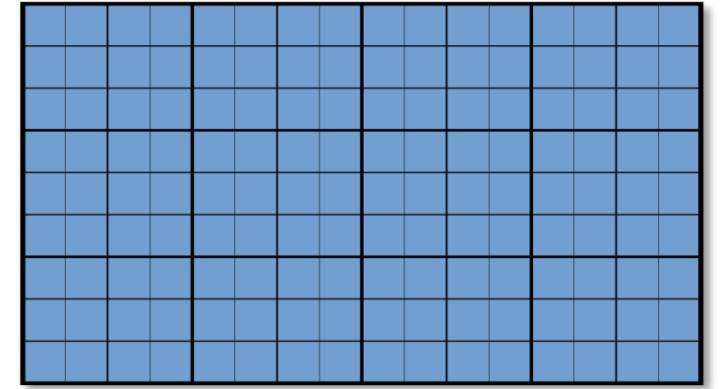


View Source

Your browser
creates DOM



‘Client side’



View source and the DOM

Challenge



Load up the raw HTML of one of the websites you are working on by right clicking and selecting “View Source”

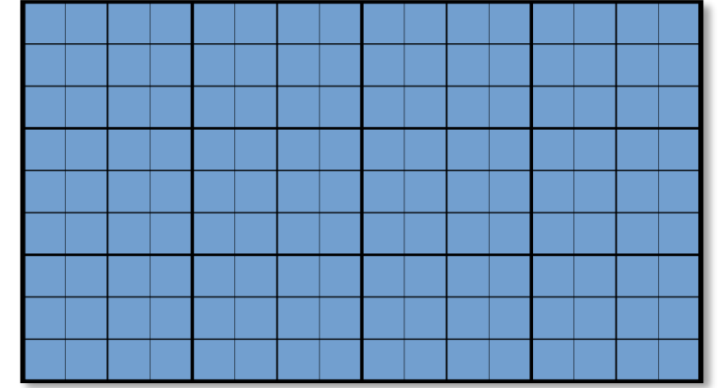
Then trying inspecting the DOM by right clicking and selecting “Inspect”

Next, try disabling Javascript and using your site – does it work?

Key concept

Using 'View Source' may not actually show you the HTML that is producing what you are seeing!

You need to be wary of this and compare the raw HTML to the DOM.



Challenge



Install the 'View Rendered Source' extension (in Lecture Resources)

Use the plugin to compare the view source and DOM (rendered source) in your browser

Key concept

The first time Google looks at a web page, it will only be seeing what you see in “View Source”.

Google normally sees the rendered DOM later – but we can’t guarantee this!

