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**Learning Outcomes:** To be able to add CSS to style HTML. To store HTML files called **allElements2.html** and **my\_interests2.html** with external CSS.

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Copy **starter.html** file from CloudCampus to a new file called **allElements2.html**.

Save the file to your **htdocs/com109/** folder.

View the webpage in a browser: **<https://localhost/com109/allElements2.html>**

- 1 Make the html responsive by adding the meta element to the **head section** of **allElements2.html**.
- 2 Create a **style.css** file and link it in the head section of **allElements2.html**.  
(optional: You can decide to store all stylesheets in a css folder.)
- 3 Add the correct **charset** and appropriate **comments** to the **style.css** file.
- 4 Add **CSS rules** to the **style.css** file.

View the webpage in two different browsers and compare the default layout that each generates and see if there are any significant differences.

Screenshot the two pages, side by side, and store in a Word file for later use in coming weeks.

- 5 Add **media queries** to hide appropriate parts of **allElements2.html** when the browser is resized and to also have other elements respond to the size of the browser window.
- 6 Add a css file to format a webpage when the File > Print to PDF is used in the browser. (**print.css**)

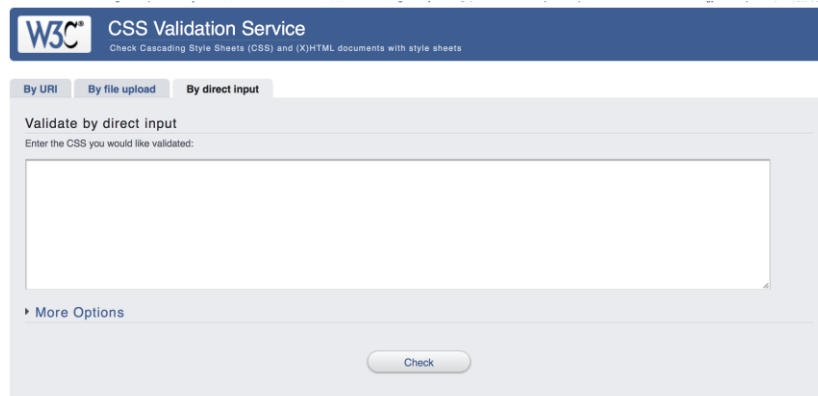
## Validating CSS rules

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**Learning Outcomes:** To be able to validate your CSS using WC3 CSS Validator.

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- 1) check **style.css** for W3C CSS validation <https://jigsaw.w3.org/css-validator/>
- 2) Click the *Validate by Direct Input* tab and copy and paste the contents of style.css file into the validator. Click *Check* and wait for the results. If you have written all your rules carefully, you'll be welcomed by the green banner. If you're met with the less welcoming red banner you need to debug your page and learn from the experience for all further pages you create.
- 3) This should be the process that should become standard practice for you and be repeated for every stylesheet you create or update.



The screenshot shows the W3C CSS Validation Service interface. At the top, there is a blue header with the W3C logo and the text "CSS Validation Service" and "Check Cascading Style Sheets (CSS) and (X)HTML documents with style sheets". Below the header, there are three tabs: "By URI", "By file upload", and "By direct input". The "By direct input" tab is selected. Under this tab, there is a section titled "Validate by direct input" with the instruction "Enter the CSS you would like validated:". Below this instruction is a large, empty text area for pasting CSS code. At the bottom left of the text area, there is a link that says "More Options". At the bottom center, there is a button labeled "Check".