

## Questions 3 – CSS

### 1. What is order of inheritance when a web page uses external, internal and inline CSS levels?

Inline styles have the highest priority meaning that they will override styles defined in both internally in a <style> tag in the page head and styles defined in an external stylesheet. Which then takes priority, an internal or external style, depends on the order they are defined in the head of an HTML document. If an internal <style> tag is placed after a link to an external stylesheet, the styles defined in that <style> tag take priority. However, if a link to an external stylesheet is after the definition of an internal style, the stylesheet takes priority.

### 2. What is purpose of classes in CSS?

The purpose of the classes in CSS is to enable applying the same style rules to multiple elements by giving them the same class name. While element and id selectors can be effective, especially when used with combinators, they can only do so much. Same class can be applied to a multitude of different elements and hence same rule can be applied to for example to list and a table if they both have the same class. HTML elements can also refer to multiple classes which provides even more freedom and flexibility for defining styles.

### 3. On previous exercises you made a web page. Now it is time to add some style to it. Use external, internal and inline style to at least adjust following:

- Define a background image for your page in external style sheet
- Define internal style for mouse hovering for one link (anchor) on your page. If your page does not have a link, then add one
- Write styles for list and or table in your external style, then use inline style to overwrite something in one row/cell in your table or in one item of your list.

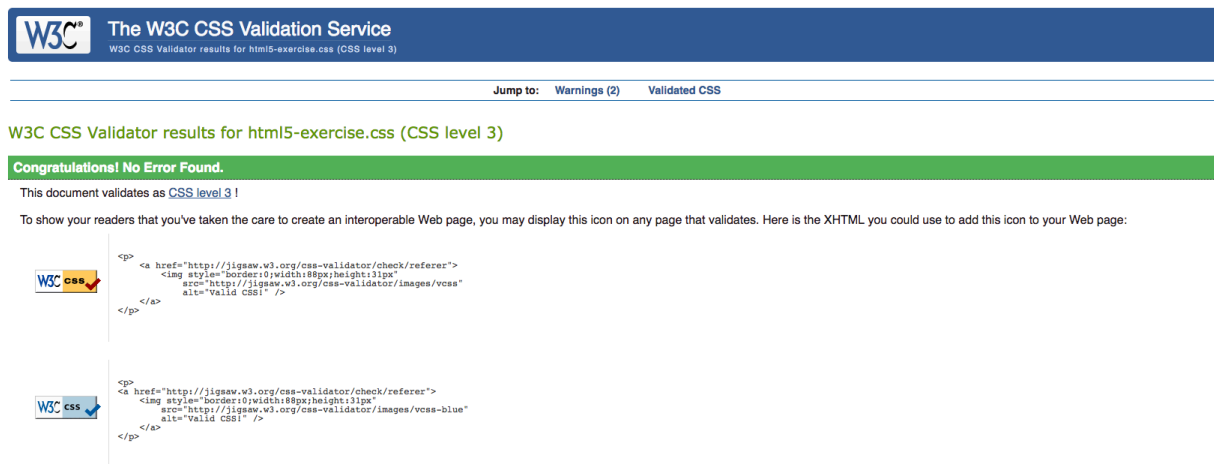
Answers in the files `css-exercise.html` and `css-exercise.css`

I want apologize for the terrible background photo. I think the site looks a lot better without it but I added it since it was a requirement for the assignment.

### 4. Use ID and class selectors in defining styles. Experiment different ways of positioning elements and adjusting their sizes. Study how "float" in some element changes the page appearance.

## 5. Use CSS validator to validate your external style sheet

Screenshot of the validation results:



### Sources

- W3School. CSS How To... [online tutorial]. Retrieved 21.3.2017 from [https://www.w3schools.com/css/css\\_howto.asp](https://www.w3schools.com/css/css_howto.asp)