Lab1.part2 - HTML & CSS reminders

Exercise 3: CSS Selectors and Styling

In this exercise, you will create a CSS file with the appropriate selectors for each question.

For a list of the most commonly used CSS selectors, see:
https://www.w3schools.com/cssref/css_selectors.asp

Download the `Lab1Exo3.html` file from Classroom/Drive.

```
1   <html>
2   <head>
3     <meta charset="UTF-8">
4     <title>Selectors Exercise</title>
5     <link rel="stylesheet" type="text/css" href="selectors.css">
6   </head>
7   <body>
8     <h1>Selectors Exercise</h1>
9   ...
10  </body>
11  </html>
```

Open this file and inspect it using the "developer tools" tab in Chrome (F12).
Do not modify this HTML file as it will be used as the basis for this exercise.

Create a file called `selectors.css` and place the following style rules in it:

1   Color all `<h2>` headings purple.
2   Give the `<body>` element a background color of `#bdc3c7` .
3   Give the `<h1>` element the color `#9b59b6` .
4   Color all `<h2>` headings orange. What do you notice about rule 1?
5   Color all `<li>` elements blue.
6   Change the background of each paragraph to yellow.
7   Surround all inputs with a `3px` red border.
8   Give all elements with the class "hello" a pink background.
9   Give the element with the id "special" a `2px` blue border.
10 Give all `<p>` elements inside `<div>` font size of `25px`. (`font-size:25px`)
11 Give all inputs of type "text" a gray background.
12 Give the 2 `<p>` elements inside the 3rd `<div>` a pink background.
13 Give the 2nd `<p>` element inside the 3rd `<div>` a `5px` white border.
14 Make the `<em>` element in the 3rd `<div>` white with a font size of `20px`.

CHALLENGE Questions (requiring research on other CSS selectors and properties)

15 Add a left margin of `50px` to all checkboxes that are checked. (`margin-left: 50px`)
16 Set the content of all elements `<label>` to `UPPERCASE` without changing the HTML code of the document.
17 Set the first letter of the element with the id '`special`' to `green` and with a font size of `100px.`
18 Change the color of all `<h1>` elements when the mouse hovers over them.
19 Change the color of all `<a>` elements that have been visited to gray.

Exercise 4:

In this exercise we will create a `Lab1Exo4.html` file, a new style sheet `Lab1Exo4.css` file, following the instructions:

1 Create a level-one heading `<h1>` containing the text of your choice in the page content, followed by a level-two heading `<h2>` and a paragraph `<p>` of a short text (some sentences).
2 Create a second level-two `<h2>` heading, followed by a paragraph `<p>` of a long text (some lines).

Now, we define the style rules for the HTML page in the `Lab1Exo4.css` file.
3 Apply the following rules to the whole page:
- an inner margin of `50p`
- a background color of `#e8eae8;`
- and a font color of `#5d665b`;
4 Assign the `<body>` :
- a `70px` top and bottom margin
- a `120px` left margin and a
- a `50px` right margin.
5 Set text fonts to `Verdana, Geneva, Arial, sans-serif`.
6 Set the font size to `small`, the line-height (i.e. the height of the characters and the extra space above them, to the height of the characters and the extra space above them) to 180% of the font size.
7 Assign the first `<h2>` a font size of 75% and the first `<p>` a font size of 70%, relative to the font size previously specified. Then, give the second `<p>` an indentation of `3em`.
8 Assign the title text `<h1>` the color `#ffffdd`. Then assign `<h2>` font-color #`966b72`; and the font-family `Georgia`.

▪ **Deadline:**
At the end of each Lab session (no later than Saturday, October 19 at 23:59)
To: adil.chekati@univ-constantine2.dz

▪ **File's Name to be submitted:**
CAW_Lab1.part2_Gr%_NAMEPair1_NAMEPair2.zip
Example: "CAW_Lab1.part2_Gr1_CHEKATI_BOUZENADA.zip"

"CAW" Course materials: