Web Design - Computer lab 3

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Published assignment 1st project

- **Deadline: 29. 3. 2026 23:59**
- The aim of the project is to test the basic knowledge of the CSS language, individual CSS rules and the ability to apply different types of CSS selectors.
- **Beware of plagiarism!**

Published assignment Midterm test

- **Deadline: 24. 3. 2026**

1. Create a clean stylesheet.
   - Create `style.css`
   - Include your stylesheet in your html file

   ```html
   <link rel="stylesheet" type="text/css" href="css/style.css">
   ```

2. Insert your font and background colors
   - Selector valid for the entire document

   ```css
   * { font-family: "Times New Roman", Times, serif; }
   ```

   - Choose a base font for the entire document.
   - Apply a different color for every section; use the proper color palette from:
     `https://coolors.co/`

   ```css
   #menu { background-color: red; }
   ```

3 Set a different style for `<h1>` and `<h2>`elements

```
h2 { color: green; }
```

- `<h1>` elements must be uppercase
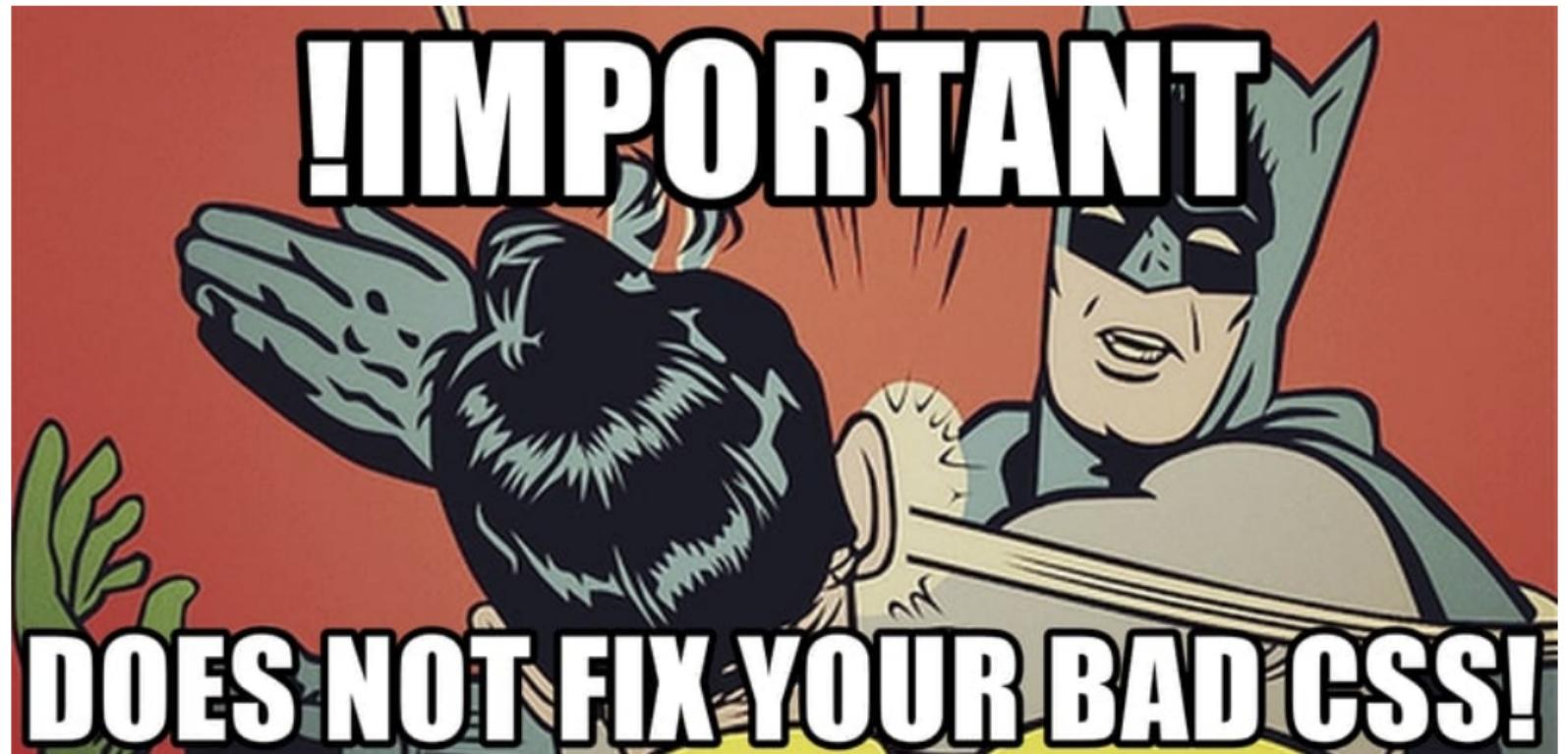
```
h1 { text-transform: uppercase; }
```

4 Style the paragraph in the first subsection
- Create the style for only one element

```
<p class="special"></p>
.special { text-decoration: underline; }
```

- Different ways of color definition:

```
color: rgb(255, 0, 0);
color: rgba(255, 0, 0, 0.5);
color: #FF0000;
color: hsl(0, 100%, 50%);
```

5 Add at least one structured selector

```
div p { color: green; }
```

6 Use the CSS grouping rule at least one time

```
h1, h2, h3 { font-weight: bold; }
```

7 Style your table element
- Set borders
- Set background colors
- Set the font to a mathematical type, such as Noto Sans Math
- Set the table header style

8 Style your table columns
- Set the first column alignment to the left
- Set the last column alignment to the right

- A variety of units is always used
- Sandbox

S	vw	vh	rem	em
A	vmax	vmin		
B	%			
C	cm	mm		
F	in	px	pt	

⑨ Set different line heights, letter spacing, and word spacing for every list

⑩ Style your links
- Remove the link underline.
- Change the link color after the link has been visited; use the pseudo classes

```
.link:visited { font-weight: bold; }
```

⑪ Style your website navigation
- Change the default list icon to a square using css.
- Change the menu orientation to horizontal; use the `display` property

What will be evaluated?

1. Background colors, font family
2. Usage of anchor styling
3. Heading styling
4. Usage of structured selector
5. Table styling
6. List styling
7. Navigation menu styling
8. Validate your solution (zero warnings/errors) using:
   - HTML validator
   - CSS validator