

Web Design - Computer lab 3

Ing. Pavol Dubovec

Brno University of Technology, Faculty of Information Technology
Božetěchova 1/2. 612 66 Brno - Královo Pole
pdubovec@fit.vut.cz



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

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

2 Insert your font and background colors

- Selector valid for the entire document

```
* { 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://colors.co/>

```
#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; }
```

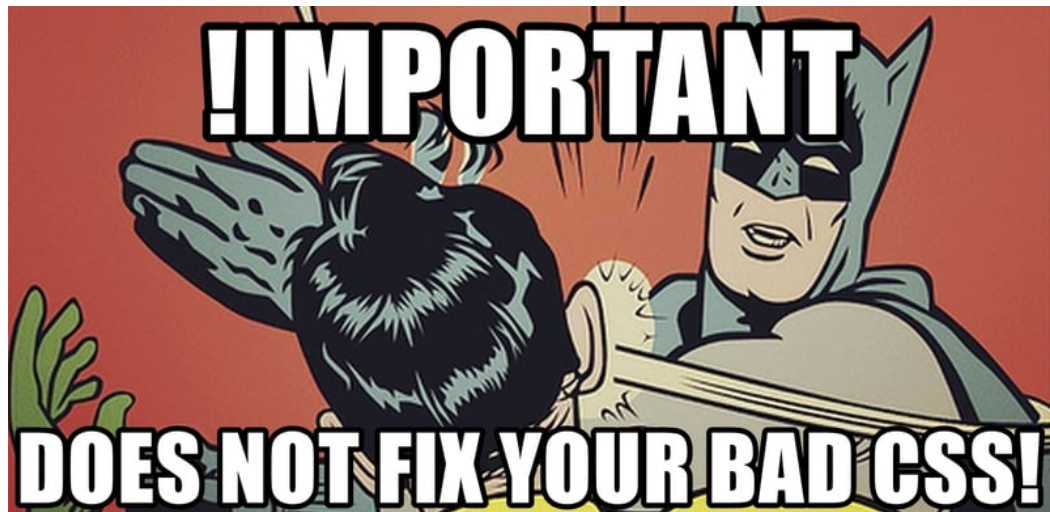
4 Style the paragraph in the first subsection

- 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

- 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](#)