

# 5G00DM03-3003 Basics of Web Development,

## Exercise 5 (Max 15 XP)

Let us practice combining HTML, CSS, and JavaScript, DOM manipulation, etc.

Create a subdirectory with name **ex5** in your local Git working directory, and operate within it. The tasks ask to create HTML files, but you are free to use also external CSS and JavaScript files, if that seems to be a good idea.

### Task 1 (max 10 XP)

Create an HTML page, `task1.html`, with the element `<span id="current-time"></span>` in its body. Using JavaScript, replace the text in that element with current time (hours, minutes, and seconds without the date). Help can be found, e.g., here:

[https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\\_Objects/Date/toLocaleTimeString](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Date/toLocaleTimeString).

Keep the time that is shown also updated. (Update once per second.) Change the background color of the span element to `#deb887` (*burlywood*) for each even number of seconds and `#5f9ea0` (*cadetblue*) for each odd number of seconds.

### Task 2 (max 10 XP)

Create an HTML page, `task2.html` that resembles initially the page of Figure 1. One should be able to change between the views presented in Figures 1 and 2 by clicking the Page 1 and Page 2 "tabs" on the top part of the page. You can use different colors, texts, and other content, but the logic should be as presented, and the content shown should differ between the two "tabs".



Figure 1: Page 1 view.

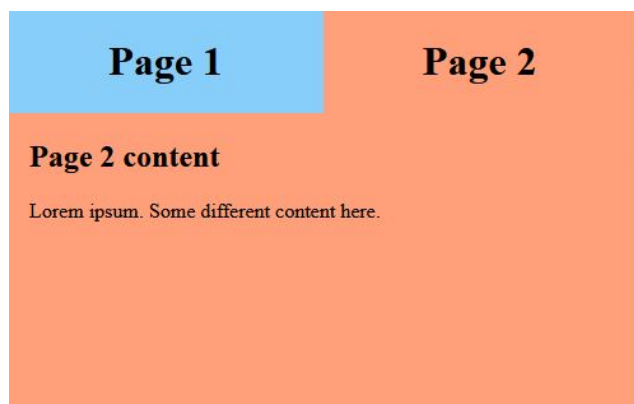


Figure 2: Page 2 view.

### Submission

Commit the files with commit message "Submit Exercise 5". Push into the remote repository. Then, get the address to this commit of yours by right clicking the name of your commit in GitLab and selecting "Copy Link Location" (or "Copy Link Address" or something like that). Paste this address as your answer to Moodle (Session 5 homework submission area), and submit.