



## WEB SERVICES DESIGN

### INSTRUCTIONS

#### Laboratory

The aim of the laboratory is to create the content and functionality of the website. The content should be connected with your hobby. Files can be edited in an environment of your choice, e.g. Notepad++, Atom.

### Tasks

#### part 1: max. 10 points

1. (0.5 points) Find the footer section of the page and enter your name and date in it.
2. (1 point) In the index.html file, in the section, place the text and divide it into three paragraphs using the `<p>` tag. Highlight any two sentences using bold and italics.
3. (1 point) In the index.html file, in the section, place an image using the `<img>` tag.
4. (1 point) In the index.html put links to two pages.
5. (1 point) In the subpage.html file, place the text divided into two paragraphs (`<p>` tag). Each paragraph should have its own heading (h2 or h3 tags).
6. (1 point) Add a numbered list to the subpage.html file.
7. (1.5 points) Place a table in the subpage.html file (at least 2 columns and 3 rows).
8. (3 points) Based on the index.html and subpage.html files, create a subpage with the contact: contact.html. Include contact information, an image and a link. Make sure that navigating to it from the menu works correctly.

**part 2: max. 10 points**

9. (1 point) Attach the styles.css file to the .html files.

10. (1 point) Change the background color of the page and the color of the header fonts.

11. (0.5 points) Create and use the .active class, indicating the current position in the menu, on all subpages.

12. (1 point) In the styles.css file, create and use the .right class that moves the image to the right side - the float property.

13. (1.5 points) Using the hover pseudo-class, change the transparency of the image (the opacity property) when hovering over it with the cursor and the shape of the cursor (editing the cursor property).

14. (1 point) Format the table so that the cells have a black frame with a thickness of 2 px. Add a 5px border around the entire table. For example:

Laboratoria TI	Temat
Laboratorium 5	HTML
Laboratorium 6	CSS

15. (0.5 points) Edit the rules for website responsiveness so that the table is not displayed on small screens.

16. (1 point) Create the functionality of returning to the top of the page. Add the text "go to the top of the page" at the bottom of the right (create and use the .right class, similar to point 3). Use the <a> tag to move the user to the beginning of the wrapper section.

17. (1.5 points) Create a new .css file and format the contact.html subpage in a different style. On the subpage, place a form containing a text field (input type="text"), radio buttons (at least 2, input type="radio" ) and a check box (input type="checkbox"). The form should allow you to send and clear the content (submit and reset buttons).

18. (1 point) Add a prompt window using javascript. The user should be asked for name and then the welcoming text using the given name should be displayed.