Tutorials 5: HTML

Exercises

We will create a webpage to present your study program. First, create a directory HTML. All the files related to the webpage will be saved inside this directory. Inside directory HTML create a directory Images that will contain all the images you will need later on.

Basic structure of a webpage

1. Inside directory HTML create a file `index.html`.
2. Inside `index.html` write a basic structure of an HTML document.
3. In the head of the document define a title of a webpage that will be shown as the name of a tab.
4. In the body of the document add the main title (header) of a highest level with the name of your study program.

Text

1. Add the first section named Introduction to your webpage (header of a lower level than the main title).
2. Add some paragraph in which you shortly describe the study program, write a reason why you chose this study program, etc.
3. The above paragraph should contain at least one bold text, at least one italic text, at least one underlined text, at least one line break and a horizontal line at the end of it.

Images

1. In the first section add an image that is related to your study program. The image should be saved inside directory Images that you created earlier.
2. The image should be placed inside the element `figure`. Add a caption to the image using the element `figcaption`.
3. You may set the size of the image arbitrarily.

Lists

1. Add a new section to your webpage called Courses of the program.
2. First, create an unordered list of your favourite courses. The list should contain at least three courses that you are most interested in.

3. Then, create a list of courses for the whole study program for each year. You must use a nested list where the main list is ordered and represents the years of study and inside each year must be an unordered list of courses for that year.

Tables

1. Add a new section to your webpage called Weekly schedule.
2. Create a table that shows your weekly schedule from Monday to Friday.
3. The table should contain at least one cell spanning over multiple columns and at least one cell spanning over multiple rows.
4. The first column should contain the time intervals.

Hyperlinks

1. Add a new section to your webpage called More info.
2. Add to that section a hyperlink to the main UP FAMNIT webpage. Hyperlink should be placed on the phrase UP FAMNIT contained in a sentence.
3. Create a new webpage called `course.html` with the main title as the name of one of your courses. Add to the webpage some text and an image related to the selected course.
4. On the main webpage add a new hyperlink to the webpage `course.html` in the same manner as the one above.
5. To the webpage of the selected course add a hyperlink to the main webpage.
6. Check that all hyperlinks work as intended.

List of contents with hyperlinks

1. At the start of the main webpage, after the main title, add a List of contents.
2. The list of contents should be created as an ordered or unordered list.
3. To set up a hyperlink to the desired section (header) we have to add to each of the header elements for the section a property `id` set to an arbitrary name.
4. We then have to add to the element for a hyperlink the text `#idName` instead of a link to a webpage as before. With it we reference the desired header element.