

Web Technologies

Lab session 1

Before we begin

- Use a good text editor
 - Visual Studio Code, Atom, Sublime text, vim, Notepad++, ...
 - **Get good** at it
- Know your web browser:
 - How to refresh a page, how to look up the HTML source, how to inspect elements, how to use the console etc.

Before we begin

- Web is a great resource for learning about the web
 - <https://www.w3schools.com/html>
 - <https://www.w3schools.com/css>
- Check the validity of your HTML code
 - <https://validator.w3.org>

Assignment 1: HTML

- Create an HTML document like the one on the right
- Use **only HTML** constructs
 - No CSS
- Save it as **a1.html**

Large title

First text paragraph.

And another one.
This time, spanning over
multiple
rows.

This text should be in italics.

And this one should be in bold.

$$W = m * c^2$$

Starch hydrolysis: $C_6H_{10} + H_2O \rightarrow C_6H_{12}O_6$

Let's show an image.



An unordered list of items:

- HTML
- CSS
- Sublime text

This is the order in which we take meals:

1. Breakfast
2. Lunch
3. Supper

Choose gender: ☐ Man ☐ Woman

(Note that a value can be selected by clicking on the text.)

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CSS ...

- Peter Griffin CSS
 - <http://imgur.com/gallery/Q3cUg29>

Assignment 2: CSS

- Use the document from A1 and implement a CSS design like the one on the right
- Use inline or internal CSS
 - Save file as **a2.html**
- Note: Links should be of blue color and **not** underlined
 - But when you move your cursor over a link, it should change the background to yellow

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Large title

First text paragraph.

And another one.
This time, spanning over
multiple
rows.

This text should be in italics.

And this one should be in bold.

$$W = m * c^2$$

Starch hydrolysis: $C_6H_{10} + H_2O \rightarrow C_6H_{12}O_6$

Let's show an image.



An unordered list of items in a different font:

- HTML
- CSS
- Sublime text

This is how we take our meals:

1. Breakfast
2. Lunch
3. Supper

Choose gender: ☐ Man ☐ Woman

(Note that a value can be selected by clicking on the text.)

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Assignment 3

- Implement the page given on the next slide
- Save the HTML code into file a3.html
- Save the CSS code into style.css

Assignment 3

Web technologies

The list of class participants

First name	Last name	Role
Aleš	Smrdel	Lecturer
David	Jelenc	Teaching assistant
Your	Name	Student

Add a new participant

First name

Last name

Role

Lecturer ▼

Clear

Submit