

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
 - Visual Studio Code plugins:
 - Live Server
- 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.
 - I'll be using Brave, Google Chrome, and Firefox

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

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.)

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