

Lecture 4

Previous lecture:

Task 1: Introducing CSS – follow me ... Done!

Task 2: Puzzle: HTML + CSS ... Postponed!

Assignments:

Assignment 2: Hand-in on Canvas: Deadline today at 8:30 am ... Evaluate today! ...

Domain name + webhost + FTP setup: ... Done?

“Remember My Name”: ... Done?

Pre-reading:

12.09	6 lessons	HTML and CSS: Chapter 10, Formatting Text with Styles
8:30		HTML and CSS: Chapter 11, Layout with Styles
		HTML and CSS: Chapter 15, Lists
		CSS Flexbox: https://css-tricks.com/snippets/css/a-guide-to-flexbox/
		Performance 1: https://www.youtube.com/watch?v=tN9-abn5tRI (video 2:36)

Today's Learning Goals

CSS: Reset + The Boxmodel

CSS Layouts: Position, float/clear, flexbox

CSS Layout Generator (online tool)

Web Performance: Page Load Time + webp

Evaluation of Assignment 2

Presentation of the six groups' solutions!

My solution + task Extra

Chapter 10, 11 – CSS

Formatting Text with Styles (p.229)

font-family, font-size, line-height, color, background, text-align, text-decoration

Resetting with CSS (p.274)

2 ways:

1. Begin main css with reset (<http://meyerweb.com/eric/tools/css/>). Result: Styles to “zero”
2. Normalize.css. Result: Look very similar across browsers.

The Box Model (p. 276) – like a frame on the wall

padding, border, margin, width



```
div.ex {width:220px; padding:10px; border:5px solid gray; margin:0px; }
```

http://www.w3schools.com/css/css_boxmodel.asp

Making elements float (p. 295)

```
float: left;  
clear: both;
```

Displaying and hiding elements (p. 278)

```
display: block; /* alt. inline, none */  
visibility: hidden; /* alt. visible */
```

NOT in the Book – Flexbox method

```
display: flex;
```

A Complete Guide to Flexbox: <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

NOT in the Book – Grid method

```
display: grid;
```

NOT fully supported!: <http://caniuse.com/>

Task 1 – Recap CSS: The Box Model + Making elements float + Flexbox

- followme4.html save as followme5.html ...

Inspiration: Layout with Styles: <http://janskovgard.dk/eaaa/layouts/>

Task 2 – Puzzle: HTML + CSS ...Postponed from Lecture 3

Solve the puzzle ...

Task 3 – CSS Layout Generator

- make a liquid (fluid) layout ...

Link: <http://csslayoutgenerator.com/>

Task 4 - Web Performance Test:

Google Chrome: Follow me

Image format test: <http://www.janskovgard.dk/eaaa/2015/15l1/exercise8/imagetest/>

Tools: See Web_performance.pdf on Canvas (Files > Interaction Development > Lectures)

Task 5 – How are you? (2)

See Canvas: Quizzes: Evaluation of first 3 weeks (4 lectures)

Mandatory Assignment:

There is no assignment today because the interdisciplinary project is coming up ...

Next lecture

Literature:

26.09 8:30	6 lessons	HTML and CSS: Chapter 17, Video, Audio and Other Multimedia HTML and CSS: Chapter 13, Working with Web Fonts HTML and CSS: Chapter 14, Enhancements and Effects with CSS Chrome DevTools: https://developers.google.com/web/tools/chrome-devtools/
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Literature: HTML and CSS Visual Quickstart Guide + Beginning PHP 5.3

Reference: <http://www.w3schools.com/css/default.asp>