

Lecture 3

Previous lecture:

The Matrix Presentation: ... Done!

Task 4: Recap Ch. 3, 4, 5, 6 – follow me ... Done!

Assignments:

Assignment 1: Hand-in on Canvas: Deadline today at 8:30 am ... Feedback ...

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

“Remember My Name”: ... Done?

Today's literature:

08.09	4 lessons	HTML and CSS: Chapter 7, CSS Building Blocks
8:30 am		HTML and CSS: Chapter 8, Working with Style Sheets
		HTML and CSS: Chapter 9, Defining Selectors
		Brackets: Lisa Catalano: Quick Coding with Brackets Tutorials: http://css-snippets.com/brackets-course/

Today's Learning Goals

CSS: Basics

- syntax and notation
- selector types: element, id, class, decending
- cascading: inline, internal, external

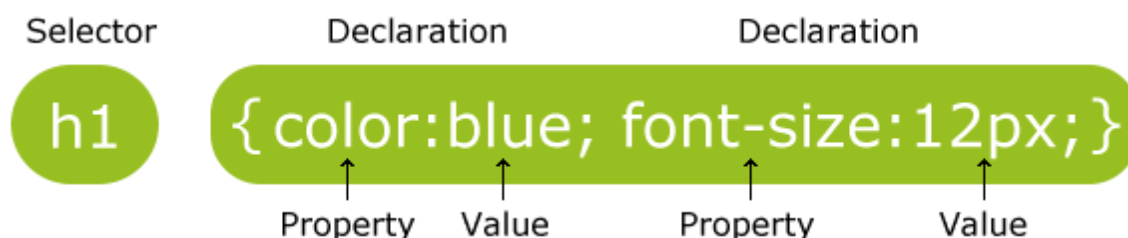
Chapter 7, 8, 9 – CSS

Web design layers:	HTML	- structural layer
	CSS	- presentational layer
	JavaScript	- behavioural layer

CSS (cascading style sheets) – a text file that contains rules ...

CSS Syntax:

A CSS rule has two main parts: a selector, and one or more declarations:



Cascading:

1. CSS on body-element cascades down to the a- and p-element (p. 174)
2. External, internal, inline (p. 190-197)

Recommendation!

External style sheet – best practice is to separate content (HTML) and presentation (CSS)

Creating external style sheet - .css extension (p. 190)

```
<link href="css/style.css" rel="stylesheet" />
```

Defining Selectors:

1. Type selectors: h1, p ... (p. 206)
2. Id selectors: #about (p. 208)
3. Class selector: .about
4. Descending selectors: .about #about (p. 227)

Show ex. of inline and internal styling:

```
<h1 style="color:blue;margin-left:30px;">This is a heading.</h1>
```

http://www.w3schools.com/css/tryit.asp?filename=trycss_howto_inline

Task 1 – Recap CSS ...follow me ...

- followme3.html save as followme4.html ...

Task 2 – Puzzle: HTML + CSS ...

Solve the puzzle ...

Assignment 2 (hands on!)

See Assignment_02.pdf on Canvas

Next lecture

Hand-in on Canvas: Assignment 2 (Deadline: *Before* startup at next lecture 8:30 am)

Pre-reading:

12.09 8:30	6 lessons	HTML and CSS: Chapter 10, Formatting Text with Styles 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)
---------------	-----------	---

Literature:

HTML and CSS Visual Quickstart Guide

Alternative literature:

Lynda.com: Playlist: Interaction Development 1st Semester ->

CSS Fundamentals, with James Williamson

Making Sense of the CSS Box Model with Morten Rand-Hendriksen

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

Codecademy.com:

HTML and CSS: <https://www.codecademy.com/learn/web>