Lecture 10

Previous lecture:
Task 1 - Device Detection and Server-side Component: Dedicated website: Follow me … Done!
Task 2 - Device Detection and Server-side Component: RESS (Dynamic Serving): Follow me … Done!
Task 3 - Mobile Sites: Implementation Strategies: Analogue task in groups … Done!
Interaction in relation to report writing: Reportwriting-Interaction.pdf

Literature:

30.11 8:30	6 lessons	**Working with Github and Portfolio** GitHub: James Williamson: Github for Web Designers: https://www.lynda.com/GitHub-tutorials/GitHub-Web-Designers/162276-2.htm **Advanced CSS, CSS Pre-processors, CSS Grid** Learn SASS in 15 Minutes: https://tutorialzine.com/2016/01/learn-sass-in-15-minutes A Complete Guide to Grid: https://css-tricks.com/snippets/css/complete-guide-grid/

Today's Learning Goals
GitHub intro
CSS pre-processor intro: SASS in Brackets
CSS Grid layouts
CSS Shapes

Evaluation: Project 1.3

Feedback: Grades from "Not Approved" to 12 (Conservative grading)
Looking forward: How can you fulfil the learning objectives and get the maximum grade?

CSS Pre-processors

Intro to CSS Pre-processors
Getting Started with CSS Preprocessors (Less and Sass):
https://blogs.adobe.com/creativecloud/getting-started-with-css-preprocessors-less-and-sass/

Intro to SASS
Learn SASS in 15 Minutes: https://tutorialzine.com/2016/01/learn-sass-in-15-minutes
Setting up SASS and using it in Brackets: https://www.youtube.com/watch?v=pY8a4kqBko4

Intro to LESS
Learn LESS in 10 Minutes (or Less): https://tutorialzine.com/2015/07/learn-less-in-10-minutes-or-less
Setting up LESS and using it in Brackets: https://github.com/jdiehl/brackets-less-autocompile

Task 1 – LESS in Brackets: Follow me …

- Install LESS AutoCompile from the Brackets Extension Manager … restart Brackets …

CSS Grid

- *Caniuse.com: Grid*
  Result: *Denmark (nov. 24, 2017)*

  69.63%+11.51%=81.14%

- *unprefixed:*

  69.63%

- *Global (nov. 24, 2017)*

  69.57%+5.77%=75.34%

- *unprefixed:*

All CSS layouts strategies in action: http://janskovgard.dk/eaaa/layouts/

- take a closer look at the last method: flow with grid method …

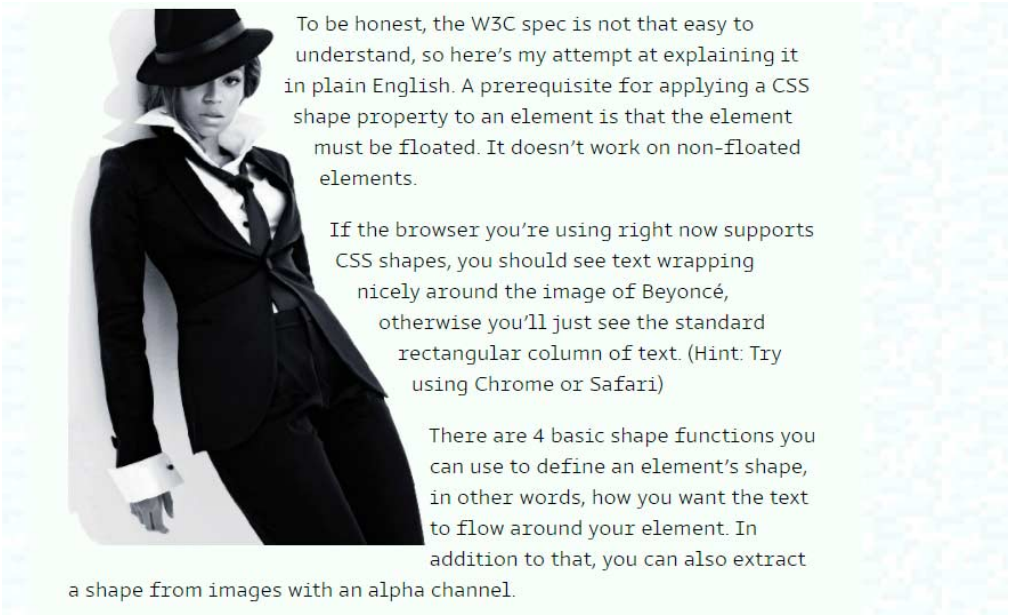
Task 2 – Grid Layout: Follow me …

CSS Frameworks

CSS Frameworks: Bootstrap, Skeleton, HTML5 Boilerplate etc.: http://bestreviews2017.com/best-css-framework-2017/
HTML5 Boilerplate: https://html5boilerplate.com/

- Self-study!

Advanced CSS: CSS Shapes



Example: http://webplatform.adobe.com/Demo-for-Alice-s-Adventures-in-Wonderland/
Tutorials: https://www.html5rocks.com/en/tutorials/shapes/getting-started/
https://www.chenhuijing.com/blog/why-you-should-be-excited-about-css-shapes/
Test in Chrome, Firefox, IE …
Can I use?: https://caniuse.com/ (search for "CSS Shapes")

Working with GitHub

- You have all signed-up for a GitHub account …
- I have invited all of you to join the repo named skovgard/1md17x1 …
- In the repo 1md17x1 you will find Catalin's solution to Assignment2: The landing page for the digital representation of your class …
- Now it is time to fill in the blanks: To upload your individual subpages!
- Why not upload Project 1.2?

Task 3 – Assignment2: Follow me …

Coming up: Exam project

Interaction Development in relation to the digital product:

- Semantic mark-up
- Well-formed and valid code
- Separation of structure and presentation
- Responsive layout
- SEO
- Performance
- No CSS Framework (only csslayoutgenerator.com)

Interaction Development in relation to report writing:
Read: Interaction in relation to report writing: Reportwriting-Interaction.pdf

Semester evaluation

Task 5 – How are you? (3)
See Canvas: Quizzes: The final evaluation (at Lecture 10)

Mandatory Assignment
There is no assignment today due to the exam project … ☺

Next lecture
Literature:

05.12 8:30	6 lessons	Lecture 11: Cancelled! Technical supervision in relation to Exam project: You are all welcome to mail me if you have questions in relation to the project. In addition, it is possible to set meetings ☺