

1360 Web Design

Lab 2: Practice Box Model CSS

SKILL: ATOM - AI Demo

SETTINGS > THEMES

- **Take a moment and choose a theme.**

*Your instructor prefers One Light... but she's old.
Make a choice you like.*

SETTINGS > EDITOR

- **Scroll halfway down to Soft Tabs and Soft Wrap and check both.**
 - Try out both Soft Tabs and Soft Wrap clicked.
This lets us adjust how deep the tabs are.
 - My preference is about **4 spaces per tab**. The default is 2, but if you're not really used to HTML/CSS it makes it somewhat harder to tell when something is indented in properly.



Soft Tabs

If the `Tab Type` config setting is set to "auto" and `Soft` setting determines whether a soft tab or a hard tab is used.



Soft Wrap

Wraps lines that exceed the width of the window. The `Wrap` number of characters defined by the `Preferred Line Length` setting.



Soft Wrap At Preferred Line Length

Instead of wrapping lines to the window's width, wrap at the `Preferred Line Length` setting. This will only take effect when the `Soft Wrap` setting is checked.
Note: If you want to hide the wrap guide (the vertical line), uncheck the `Show Wrap Guide` setting.

Soft Wrap Hanging Indent

When soft wrap is enabled, defines length of additional space to indent wrapped lines.

Tab Length

Number of spaces used to represent a tab.

TODAY:

- CSS
- File structure
- CSS Validator

CSS is about **LAYOUT** and **STYLING**, and for Module 1 we'll focus on **box model styling**. For layout, we will allow our elements to stack down the page in a 'normal flow' within a single, fixed-width column.

(Other layout techniques will be in Module 3)

Consider Lab 1, 2 and 3 as practice for Project 1.

Look back at the slides for Day 3 & 4

Remind yourself of the steps
needed to be ready to **style with CSS**

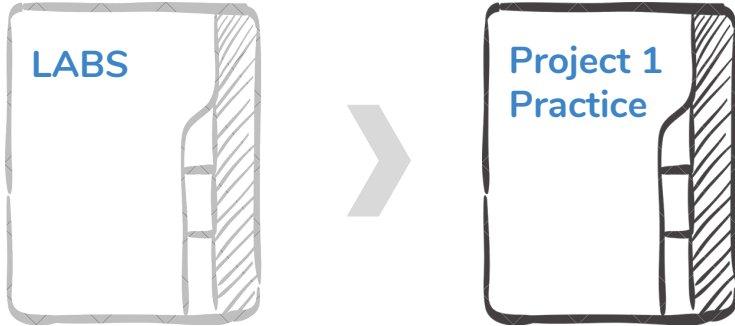
NOTE: For Project 1, most of the CSS you will need can be found in the **Essential HTML and CSS** reference on Canvas

Skills to accomplish today in lab:

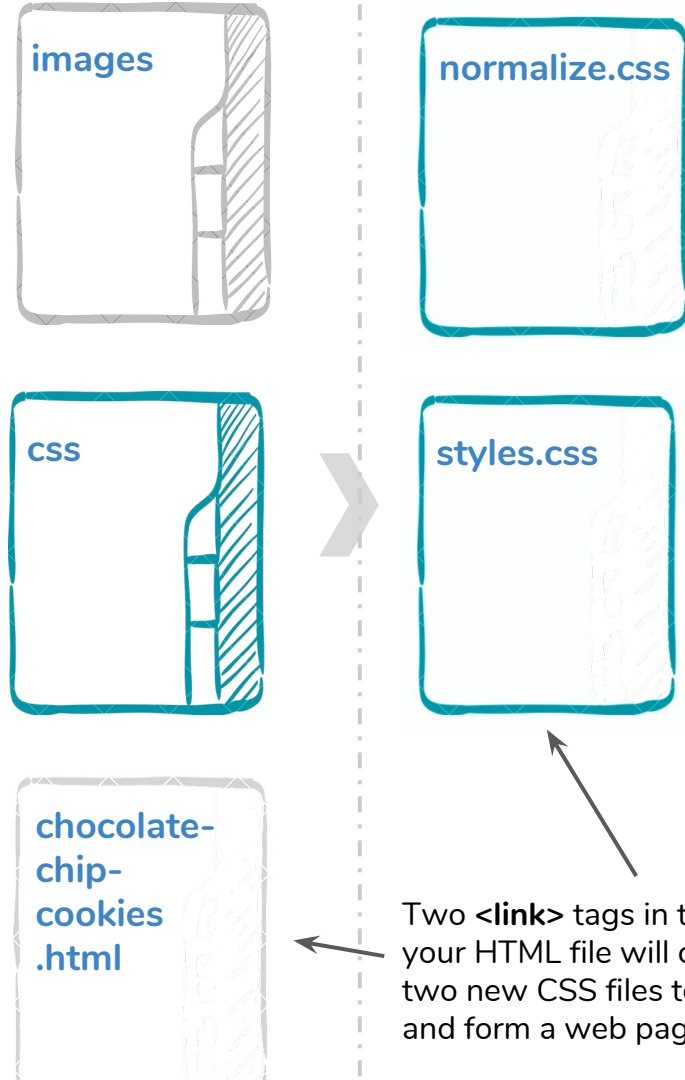
1. properly set up the **file structure**
2. connect the HTML and CSS using **<link>**
3. adjust your design with **CSS**
and see the results reflected in the browser
4. try out the **CSS validator**

File structure

1. Download the files for today
2. Add new CSS folder to **Project 1 Practice**
3. Open **Project 1 Practice** in Atom with *File > Add Project Folder*



4. Open the HTML file in Chrome or Firefox



LAB 2 Details

- #1: **DELETE** the internal style sheet from the head of your HTML
This CSS has been moved over into the CSS file you downloaded for Lab 2
- #2: Add a **<link>** for *normalize.css* and a **<link>** to *styles.css* in **<head>**
Or you won't see the style changes you're making.
- #3: Follow the general guidelines in the comments in *styles.css*
 - **The majority of the style choices you make today are your own.** Your finished Project 1 Practice will look different than the one I completed. That's what we're expecting.
 - When the Lab 2 complete files are released -- go through and examine the choices we made then try some of them out yourself. Playing with the files we give you is how you will learn and be able to make the choices needed to successfully complete the Final Project.

Validate your CSS

Avoid this common mistake: Check that you're using the right validator for the right kind of code. HTML validator for HTML, CSS validator for CSS. It's actually pretty easy to paste your CSS into the HTML validator and visa versa. They look similar.

- <https://jigsaw.w3.org/css-validator/>

HOW TO TEST

Select all of your code with **COMMAND-A (CTRL-A)**

Copy the code with **COMMAND-C (CTRL-C)**

Paste the code into the box under "Direct Input" tab in the validator. **COMMAND-V (CTRL-V)**

Click the **CHECK** button.

Get CHECKED IN by an AI:

For your participation today:

1. Go into **SETTINGS** and tell your AI about your choices of THEME and TAB and WRAP settings
2. Show your in-progress/completed **CSS** to the AI, including the **file structure** of your project (i.e. your css folder containing *normalize.css* and *styles.css*)
3. **Validate your CSS** in the CSS validator
4. **Answer this question:** “What is the box model, and how does it help me style the content in my web page?”