

# An Introduction to Building your own Professional Website

DAY 2: WEBSITE CUSTOMIZATION



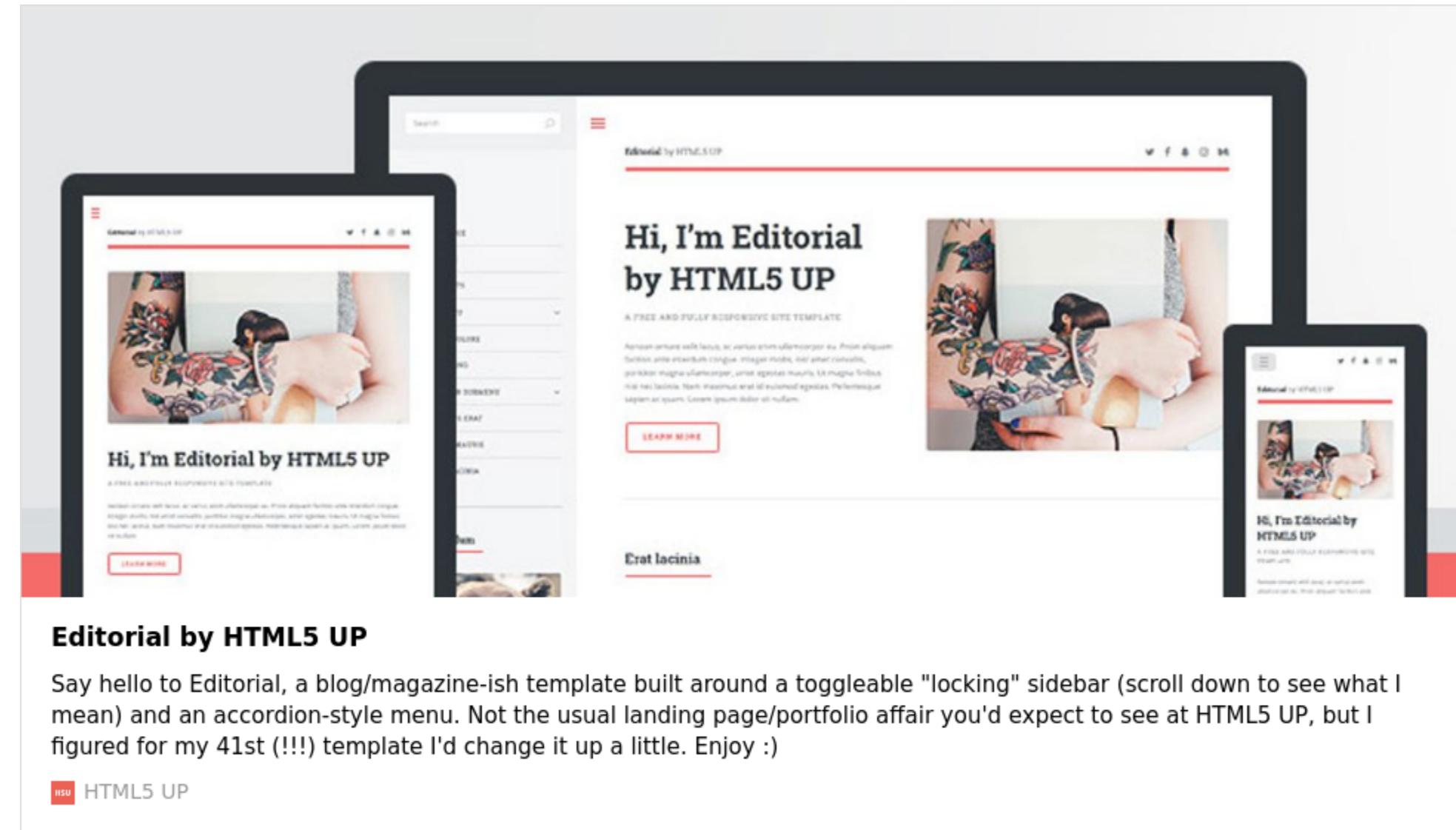
The University of Texas at Austin  
Texas Career Engagement

# **How do we apply our template to the already public website?**

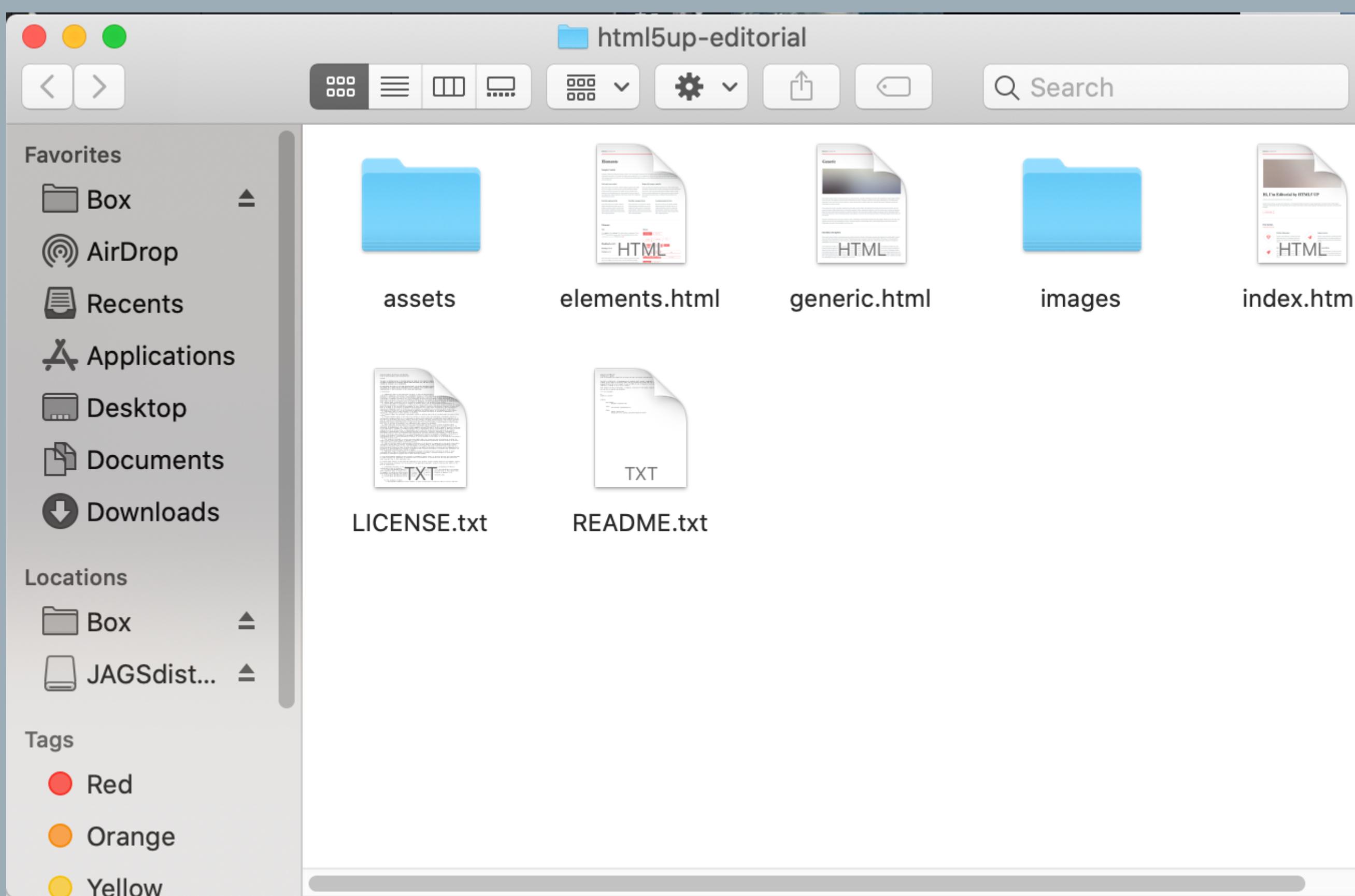
- Firstly, to be able to view changes without actually having to go through with them, we will enable the following extensions on VSCode: Live Server, CSS Peek, Quick HTML previewer.**
- Once we cloned our repository to our local computer, we know have a file on our local computer with the repository name.**
- We will copy and paste all the files / scripts in theme folder into this local repository file.**

# Here is the template we'll work on together! So let's download it!

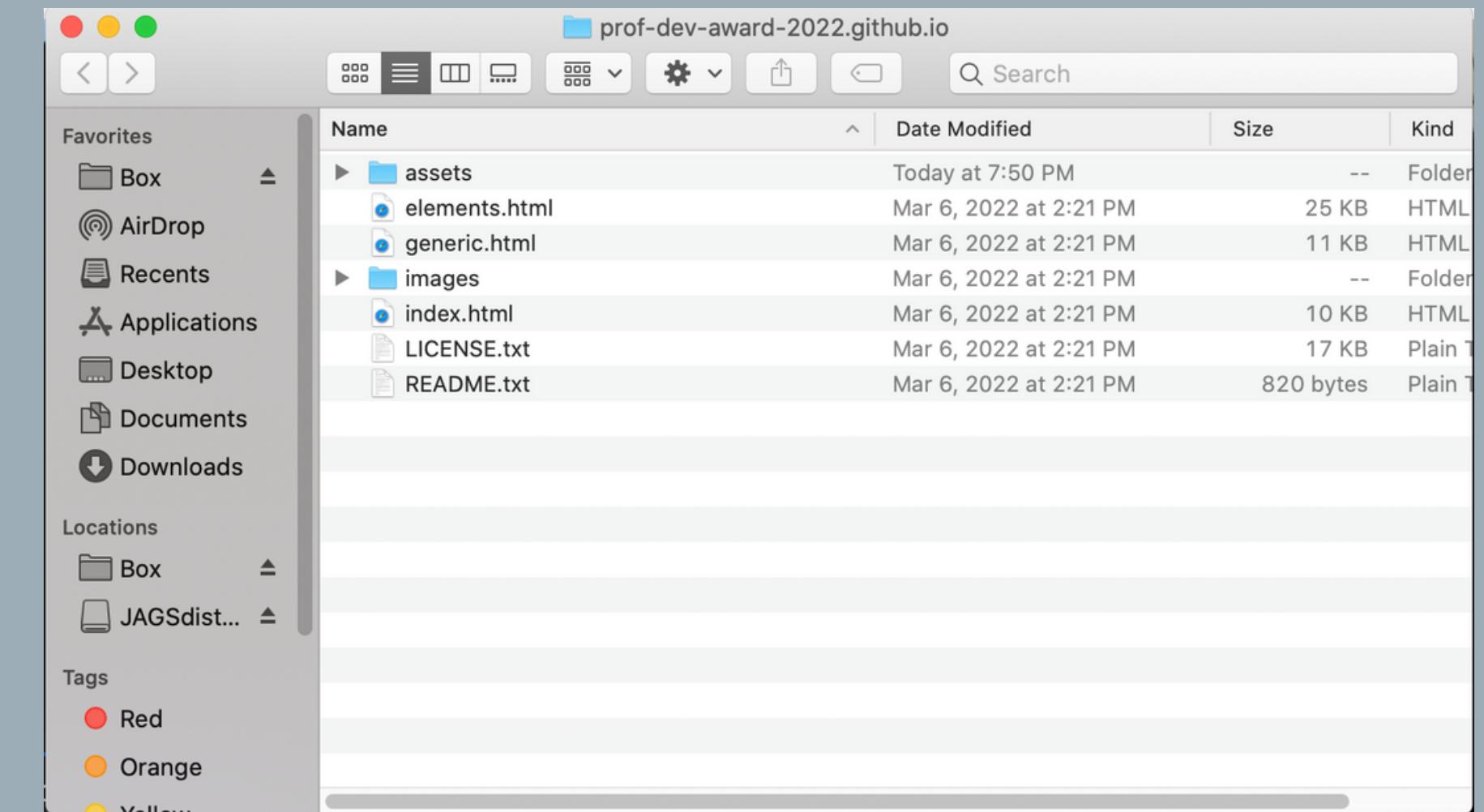
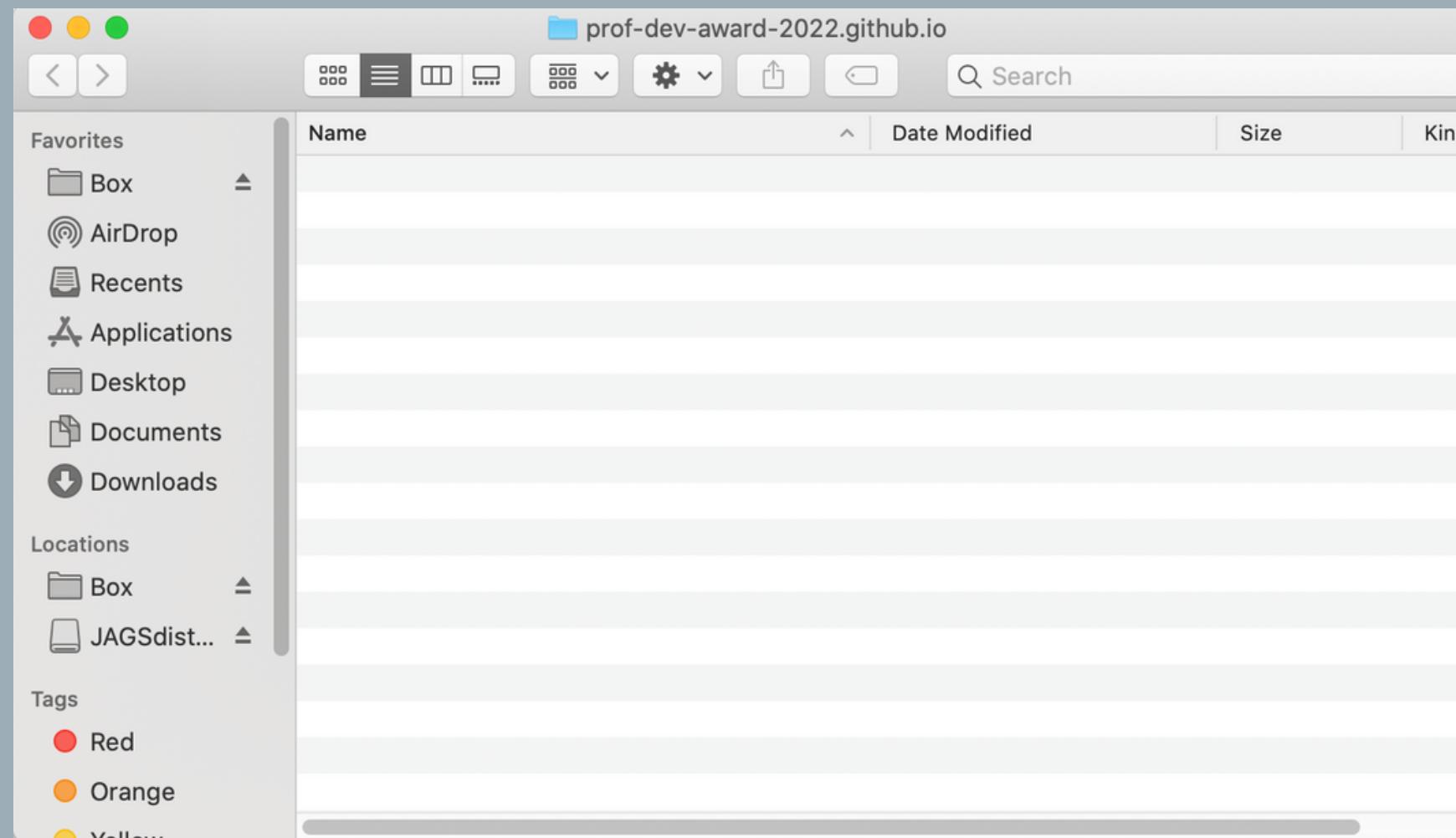
<https://html5up.net/editorial>



# Here is what we have in the theme file!



# Copy and paste the theme file to the repository file



# Copy and paste the theme file to the repository file



Name	Date Modified	Size	Kind
assets	Today at 7:50 PM	--	Folder
css	Mar 6, 2022 at 2:21 PM	--	Folder
js	Mar 6, 2022 at 2:21 PM	--	Folder
sass	Today at 7:50 PM	--	Folder
webfonts	Mar 6, 2022 at 2:21 PM	--	Folder
elements.html	Mar 6, 2022 at 2:21 PM	25 KB	HTML
generic.html	Mar 6, 2022 at 2:21 PM	11 KB	HTML
images	Mar 6, 2022 at 2:21 PM	--	Folder
pic01.jpg	Mar 6, 2022 at 2:21 PM	21 KB	JPEG image
pic02.jpg	Mar 6, 2022 at 2:21 PM	21 KB	JPEG image
pic03.jpg	Mar 6, 2022 at 2:21 PM	21 KB	JPEG image
pic04.jpg	Mar 6, 2022 at 2:21 PM	21 KB	JPEG image
pic05.jpg	Mar 6, 2022 at 2:21 PM	21 KB	JPEG image
pic06.jpg	Mar 6, 2022 at 2:21 PM	22 KB	JPEG image
pic07.jpg	Mar 6, 2022 at 2:21 PM	11 KB	JPEG image
pic08.jpg	Mar 6, 2022 at 2:21 PM	11 KB	JPEG image
pic09.jpg	Mar 6, 2022 at 2:21 PM	10 KB	JPEG image
pic10.jpg	Mar 6, 2022 at 2:21 PM	71 KB	JPEG image
pic11.jpg	Mar 6, 2022 at 2:21 PM	99 KB	JPEG image
index.html	Mar 6, 2022 at 2:21 PM	10 KB	HTML
LICENSE.txt	Mar 6, 2022 at 2:21 PM	17 KB	Plain Text
README.txt	Mar 6, 2022 at 2:21 PM	820 bytes	Plain Text

**assets folder = includes design files/ css code that we will edit to actually make changes to the visuals.**

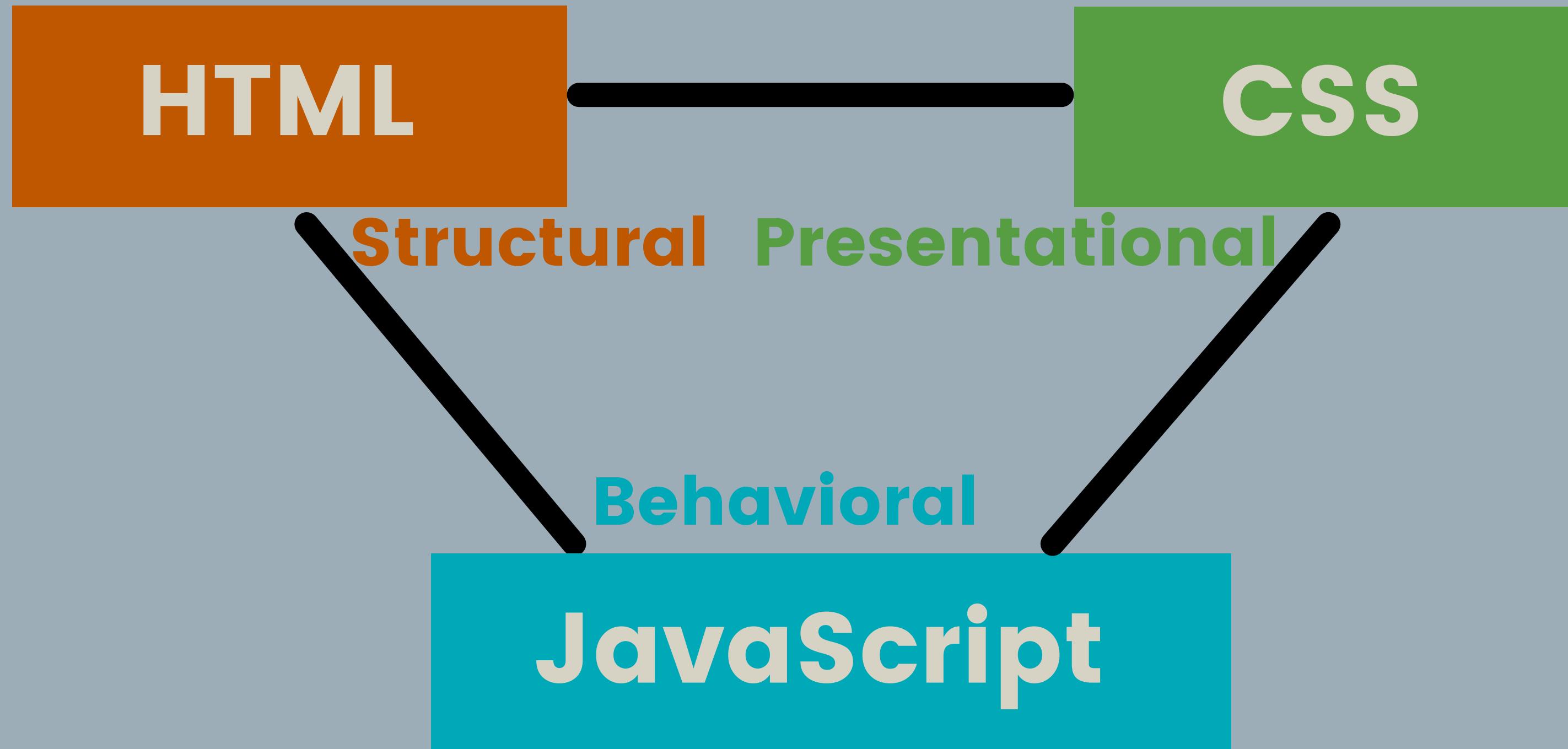
**elements.html = Links to the other pages on the website.**

**images folder = images you'd like to add to your website.**

**index.html = Main HTML file controlling the structure of the introduction page.**

Browser translates HTML documents  
into viewable webpages.  
**Static framework**

Design and formatting  
controls text formatting, page layout  
and HTML behavior



**Structural      Presentational**  
**Behavioral**  
**JavaScript**

**Dynamic framework**  
**Allows the user to interact with the webpage dynamically: click a button, see a response etc.**



# HTML code

**HYPertext Markup Language**

**Markup language**

**Same structure but different designs  
can use the same HTML code.**

**In theory, you could build a website  
with solely HTML code.**

**Controls page content: text, images,  
videos etc.**

**files that end with the .html  
extension!**

# CSS code

**CASCADING STYLESHEETS**

**Styling language, to describe the  
presentation of HTML**

**will tell the browser how to display the  
existing HTML.**

**CSS helps you consolidate the design  
units of your HTML, so that you are not  
repetitive and less error-prone.**

**Controls alignment and visual look.**

**files that end with the .css extension!**



# 1) The structure of the HTML code

- Made up off "elements" and "attributes".
- Consists of "tags" arround content:
  - **<h1> content <\h1>**
  - **Start tag:** an html element surrounded by the angle brackets
  - **End tag:** closes the html element to separate from other elements
  - **Element:** h1



## 2) Hierarchy of HTML code sections

```
firstPage.html
1 <!DOCTYPE html>
2 <html lang = "en">
3 <head>
4 <meta charset = "UTF-8">
5 <title>My First Page</title>
6 </head>
7 <body>
8   <h1> Hello World</h1>
9 </body>
10 </html>
```

**DOCTYPE!**  
**Html tag**

**Head section**

**Body section**

**All of these < /  
>are important for  
the code to work!**



# 3) Hierarchy of HTML code sections

**Let's inspect!**

- Within our html file, there is the head (where we include formatting and metadata) and the body.
  - Within the body, there is the main and the sidebar.
    - Within the main, there is a header and three sections.
    - Within the sidebar, there are three sections, one navigating menu and a footer.



# 4) Hierarchy of HTML code sections

- In the head, we keep information that the user will not see. Head and the body are both elements.
- We'll put all of our tags in the body.
  - Displayable content
  - elements: <a>, <h1>
  - attributes: href
- Use beginning and end tags. Close inner tags before outer tags!
- Some tags have attributes like href or src...



# 5) Hierarchy of HTML code sections



- Most important attribute of an element is the `src` or `href`.
- Most common tags: `<h1>...<h6>`, `<p>`, `<div>` (section larger than a paragraph)



## 6) Hierarchy of HTML code sections

- Unordered list: <ul> <li>item1 </li> </ul>
- Attributes provide additional information about an element. Sometimes necessary, sometimes additional. Always come in the Name and value structure- name is src and value is "image.jpg".
- You need the src attribute for the image tag to work, or else it won't know where the image is coming from.
- Don't leave unclosed tags!!



# 7) Hierarchy of HTML code sections

- **CLASS** = applies special properties to groups of elements.
- **ID** = specifies unique id to an element on the page.
- **<div>** : to group related content together
- **<nav>** : a section of the page that links to other pages or to parts within the page, like our sidebar buttons.



# Code validation

Let's say you are just missing one ">" in 500 lines...

Fixing one error, might help fix others so don't worry if you see a lot of them! Don't worry about warnings at all.

[https://validator.w3.org/#validate\\_by\\_input](https://validator.w3.org/#validate_by_input)

The screenshot shows the W3C Markup Validation Service interface. At the top, there's a blue header bar with the W3C logo and the text "Markup Validation Service" and "Check the markup (HTML, XHTML, ...) of Web documents". Below the header, there are three tabs: "Validate by URI", "Validate by File Upload", and "Validate by Direct Input". The "Validate by Direct Input" tab is selected. Underneath, there's a section titled "Validate by direct input" with the sub-instruction "Enter the Markup to validate:". A large text area contains the following HTML code:

```
<h2>Get</h2>
in touch</h2>
</header>
<p>Sed varius
enim lorem ullamcorper dolore aliquam aenean ornare velit lacus, ac varius enim lorem
ullamcorper dolore. Proin sed aliquam facilisis ante interdum. Sed nulla amet lorem
feugiat tempus aliquam.</p>
<ul
class="contact">
<li>
class="icon solid fa-envelope"><a href="#">information@untitled.tld</a></li>
<li>
```

At the bottom left is a small left arrow icon, and at the bottom right is a small right arrow icon. At the very bottom, there's a "More Options" link.

# 1) The structure of the CSS code

- Generic rules that apply to multiple elements, this can mean that when you make these stylistic changes - multiple elements in the HTML file could be impacted.
- `tag { font-size:12pt }`
  - Selections: marked with tag, indicates which HTML element you want to style
  - Declaration: `font-size:12pt`
  - Property: `font-size`
  - Value: `12pt`
- `h1{ color:blue }`

```
selector {  
    property: value;  
}
```



# 1) The structure of the CSS code

- Syntax is more important for CSS, than HTML. In CSS, brackets and semi colons are very important!
- Can have multiple property - value combinations as long as you abide by the bracket syntax!

```
h1{  
    color:blue;  
    background-color: yellow;  
}
```



# Zen garden!

# <http://www.csszengarden.com>



A demonstration of what can be accomplished through CSS-based design.

Select any style sheet from the list to load it into this page.

Download the example [HTML FILE](#) and [CSS FILE](#)

## THE ROAD TO ENLIGHTENMENT

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DOMs, broken CSS support, and abandoned browsers.

We must clear the mind of the past. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, WASP, and the major browser creators.

The CSS Zen Garden invites you to relax and meditate on the important

VERTIGO

by Antonio Cella

VIN ROUGE

by Thorsten Bopp

PINUPS

by Emiliano Pennisi

ZEN CITY MORNING

by Ray Henry

KELMSCOTT

# Zen garden!

# http://www.csszengarden.com

**css Zen Garden**  
The Beauty of CSS Design

A demonstration of what can be accomplished through CSS-based design. Select any style sheet from the list to load it into this page.



Download the example [html file](#) and [css file](#)

[Mid Century Modern](#)  
by Andrew Lohman

[Garments](#)  
by Dan Mall

[Steel](#)  
by Steffen Knoeller

[Apothecary](#)  
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[Screen Filler](#)  
by Elliot Jay Stocks

[Fountain Kiss](#)  
by Jeremy Carlson

[A Robot Named Jimmy](#)  
by meltmedia

[Verde Moderna](#)  
by Dave Shea

**Archives**

[Next Designs >](#)

[View All Designs](#)

**Resources**

[View This Design's CSS](#)

[CSS Resources](#)

[FAQ](#)

[Submit a Design](#)

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The CSS Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the time-honored techniques in new and invigorating fashion. Become one with the web.

**So What is This About?**

There is a continuing need to show the power of CSS. The Zen Garden aims to excite, inspire, and encourage participation. To begin, view some of the existing designs in the list. Clicking on any one will load the style sheet into this very page. The HTML remains the same, the only thing that has changed is the external CSS file. Yes, really.

CSS allows complete and total control over the style of a hypertext document. The only way this can be illustrated in a way that gets people excited is by demonstrating what it can truly be, once the reins are placed in the hands of those able to create beauty from structure. Designers and coders alike have

# Zen garden!

<http://www.csszengarden.com>

The screenshot shows the homepage of the CSS Zen Garden. The header features the title "CSS Zen Garden" and the subtitle "The Beauty of CSS Design". Below the header is a large orange box containing text about the demonstration and links to download example files. The main content area includes sections like "The Road to Enlightenment" and "So What is This About?". On the right side, there's a sidebar with a gradient background transitioning from dark blue to yellow. It contains sections for "Select a Design:" (listing various design names), "Archives:", and "Resources:". Navigation arrows are located at the bottom left and right.

**CSS Zen Garden**  
The Beauty of CSS Design

A demonstration of what can be accomplished visually through CSS-based design. Select any style sheet from the list to load it into this page.

Download the example [html file](#) and [css file](#)

**The Road to Enlightenment**

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DOMs, broken CSS support, and abandoned browsers.

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**Select a Design:**

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- » **Screen Filler** by Elliot Jay Stocks
- » **Fountain Kiss** by Jeremy Carlson
- » **A Robot Named Jimmy** by meltmedia
- » **Verde Moderna** by Dave Shea

**Archives:**

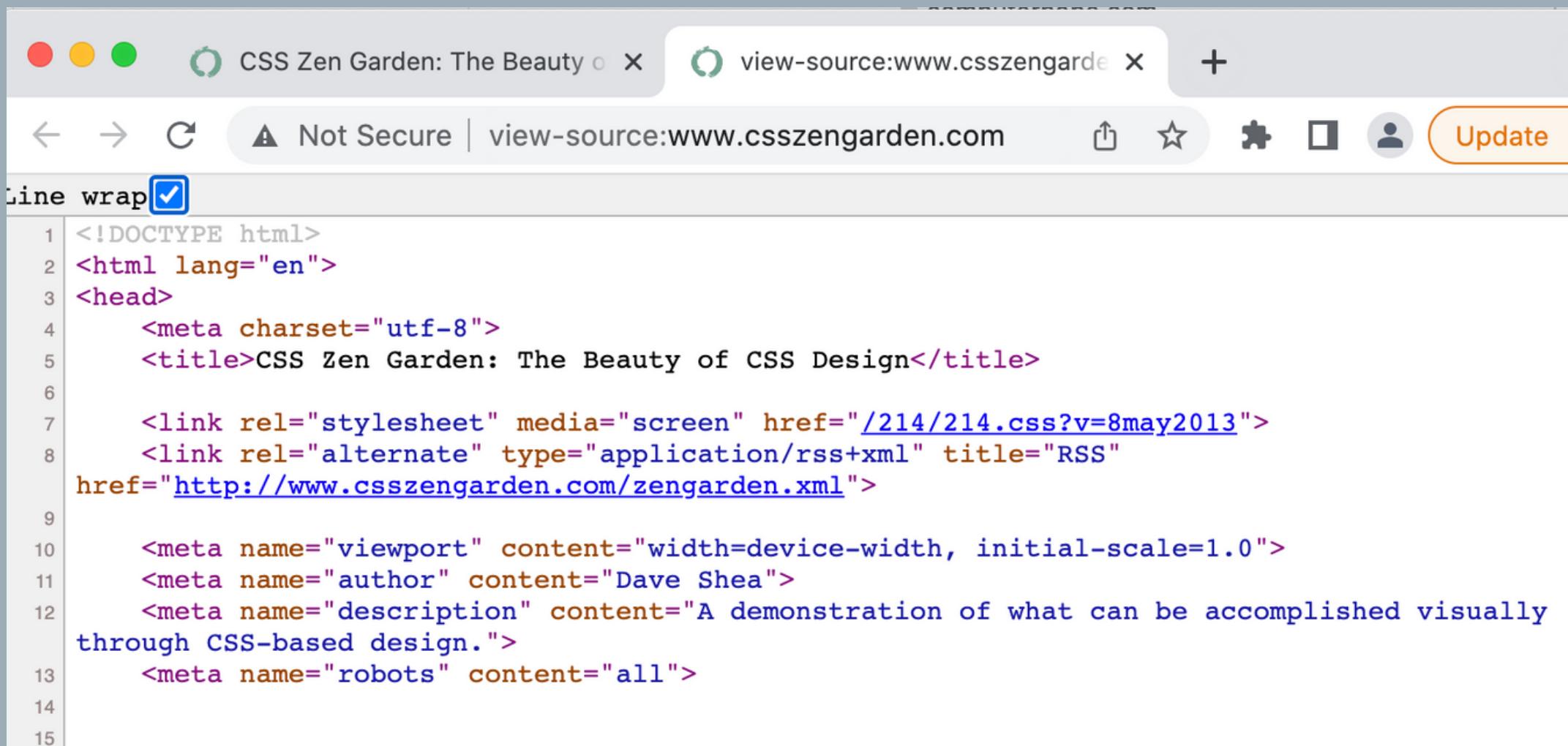
[Next Designs >](#)  
[View All Designs](#)

**Resources:**

[View This Design's CSS](#)  
[CSS Resources](#)  
[FAQ](#)  
[Submit a Design](#)  
[Translations](#)

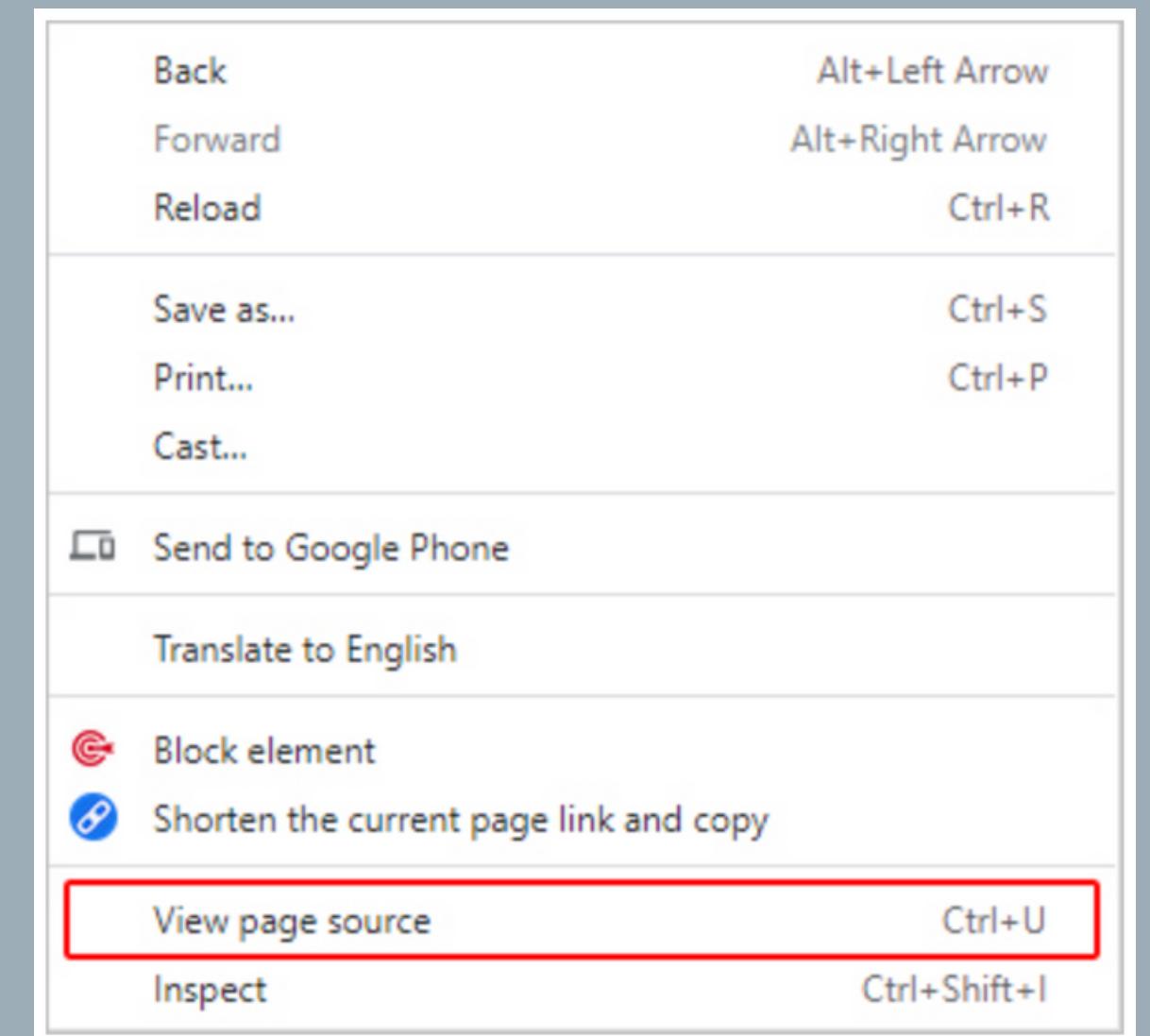
# Learning web development is a continuous process!

- To get to the HTML code of an existing website:
- Use Google Chrome!
- Right-click: "View Page Source"



The screenshot shows a Google Chrome browser window. The address bar displays 'view-source:www.csszengarden.com'. The main content area shows the raw HTML code of the page. The code includes the DOCTYPE declaration, HTML and head tags, meta charset and title elements, link tags for stylesheets and RSS feeds, and various meta tags. A context menu is open at the bottom right of the page, with 'View page source' highlighted.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <title>CSS Zen Garden: The Beauty of CSS Design</title>
6
7   <link rel="stylesheet" media="screen" href="/214/214.css?v=8may2013">
8   <link rel="alternate" type="application/rss+xml" title="RSS"
9     href="http://www.csszengarden.com/zengarden.xml">
10
11   <meta name="viewport" content="width=device-width, initial-scale=1.0">
12   <meta name="author" content="Dave Shea">
13   <meta name="description" content="A demonstration of what can be accomplished visually
14     through CSS-based design.">
15   <meta name="robots" content="all">
```



# Learning web development is a continuous process!

- To get to the CSS code of an existing website:
- Some websites are built by linking their CSS code externally to their HTML. You can check those out by

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <title>CSS Zen Garden: The Beauty of CSS Design</title>
6
7   <link rel="stylesheet" media="screen" href="/214/214.css?v=8may2013">
```

```
/* css Zen Garden submission 214 - 'Verde Moderna', by Dave Shea, http://www.mezzoblue.com/ */
/* css released under Creative Commons License - http://creativecommons.org/licenses/by-nc-sa/1.0/ */
/* All associated graphics copyright 2013, Dave Shea */
```

```
/* IMPORTANT */
/* This design is not a template. You may not reproduce it elsewhere without the
designer's written permission. However, feel free to study the CSS and use
techniques you learn from it elsewhere. */

/*
```

Verde Moderna by Dave Shea

10 Years. [http://mezzoblue.com/archives/2013/05/07/10\\_years/](http://mezzoblue.com/archives/2013/05/07/10_years/)

We've come a long way. Here it is, the first of what will hopefully be many more modern designs in the CSS Zen Garden.

With this design, I've attempted to hit as many of today's front end buzzwords as possible. It's a mobile-first, responsive layout that was designed in the browser from start to finish. CSS3 is used liberally with fallbacks where necessary.

All photos are mine, and were taken in the Japanese Garden at the Huntington Botanical Garden in Southern California.

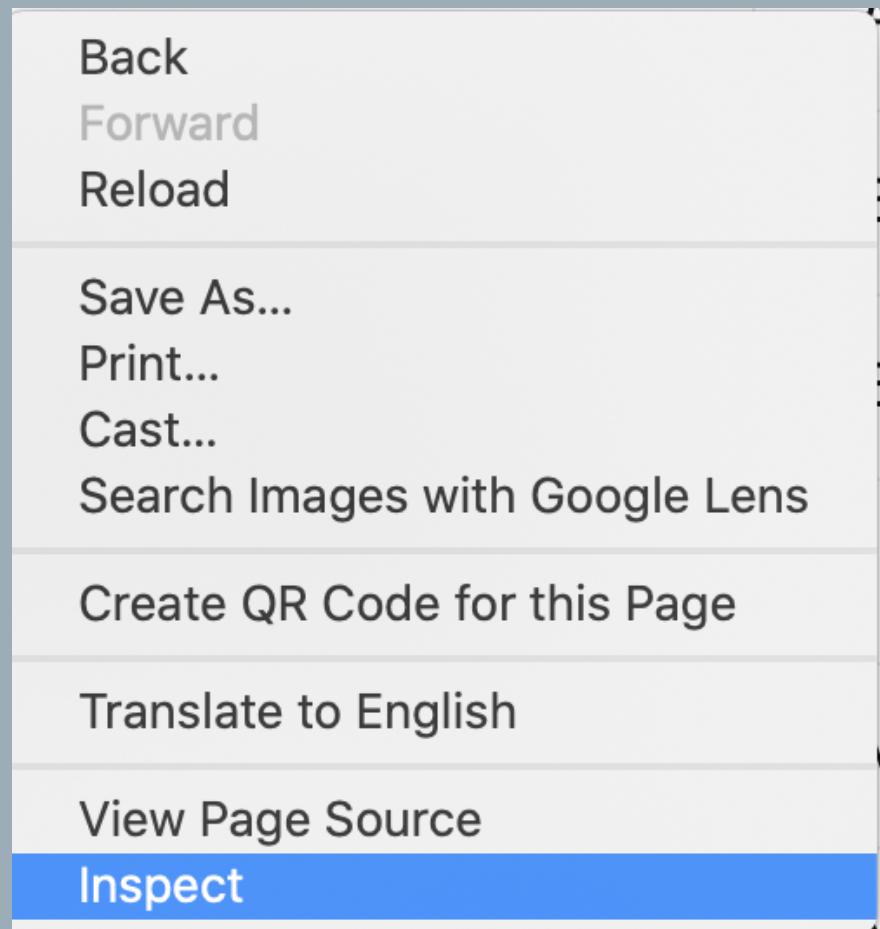
Other production notes:

\* Vector assets are used where appropriate. The logo is an SVG file, the icons are a custom web font built with icomoon.io

\* The column effect is a CSS gradient instead of a background image. By forcing a sharp transition at 66%, we can simulate columns. The way Chrome rounds gradient values causes the columns to jump unexpectedly when

**Learning web development is a continuous process!**

- You can also check the CSS code of specific elements by:



# Resources to explore to work on HTML or CSS skills

If you are interested in learning developing your own website template or design from scratch:

University of Michigan- Web development full course:

[https://www.youtube.com/watch?v=RFUiNeDs\\_lw](https://www.youtube.com/watch?v=RFUiNeDs_lw)

<https://www.khanacademy.org/computing/computer-programming/html-css>

<https://www.udacity.com/course/intro-to-html-and-css--ud001>

[https://developer.mozilla.org/en-US/docs/Learn/CSS/First\\_steps/How\\_CSS\\_works](https://developer.mozilla.org/en-US/docs/Learn/CSS/First_steps/How_CSS_works)

Whether you are working on an academic or a professional website, here are things to consider:

- **Optimize your content and make it relevant:** Who is your audience? What level of detail do you need to make things understandable?
- **Keep it concise!** You don't want to bore your reader with text on text. Keep it exciting for you and your potential visitors.
- **Check for language use, grammar, spelling errors!** Copy and paste your text on grammarly.com, github.io is not going to spell check anything for you.

Whether you are working on an academic or a professional website, here are things to consider:

- **Write with self-confidence!** You are the expert on what you are talking about, which is you as a professional / academic product.
- **The inverted Pyramid method:** use content hierarchy to help your audience stay on track. This means using bold texts, larger fonts for main conclusions you'd like to highlight and go into detail on those through linking to other pages, using smaller fonts, less assertive color and text choices.

**Let's take a 10 minute  
break!**

**Our goal: Edit the HTML and CSS scripts in our local repository file to design and customize our website!**

- The HTML and CSS files we have right now consist of the basics of the theme we have chosen.
- We will NOT write HTML and CSS code from scratch: we will edit what we have here, by getting a lot of help from the "preview mode".



# Let's switch to VSCode



The image shows the Visual Studio Code (VS Code) interface. On the left, the Explorer sidebar is visible, featuring icons for files, search, repository, and quick open. A large orange box highlights the 'EXPLORER' section, which displays the message 'NO FOLDER OPENED' with a checkmark icon. Below this, it says 'You have not yet opened a folder.' followed by a button labeled 'Open Folder'. Further down, it says 'You can clone a repository locally.' followed by a button labeled 'Clone Repository'. At the bottom, it says 'To learn more about how to use git and source control in VS Code [read our docs.](#)'. A large, semi-transparent gray 'X' watermark is overlaid across the central workspace area. In the bottom right corner, there is a list of keyboard shortcuts:

- Show All Commands `⬆️ ⌘ P`
- Open File or Folder `⌘ O`
- Open Recent `^ R`
- New Untitled File `⌘ N`

# Let's switch to VSCode



The screenshot shows the Visual Studio Code (VSCode) interface. The Explorer sidebar on the left lists files and folders for a repository named "PROF-DEV-AWARD-2022.GITHUB.IO". The "index.html" file is selected in the Explorer and is also the active tab in the main editor area. The editor displays the HTML code for "index.html", which includes footer information and script tags. The status bar at the bottom shows "main\*" and "Preview Available".

```
index.html — prof-dev-award-2022.github.io

EXPLORER
PROF-DEV-AWARD-2022.GITHUB.IO
  assets
    css
    js
    sass
    webfonts
  images
    pic01.jpg
    pic02.jpg
    pic03.jpg
    pic04.jpg
    pic05.jpg
    pic06.jpg
    pic07.jpg
    pic08.jpg
    pic09.jpg
    pic10.jpg
    pic11.jpg
  elements.html
  generic.html
  index.html
  LICENSE.txt
  README.txt

index.html — prof-dev-award-2022.github.io

<!-- Footer -->
<footer id="footer">
  <p class="copyright">&copy; Untitled. All rights reserved.
</footer>

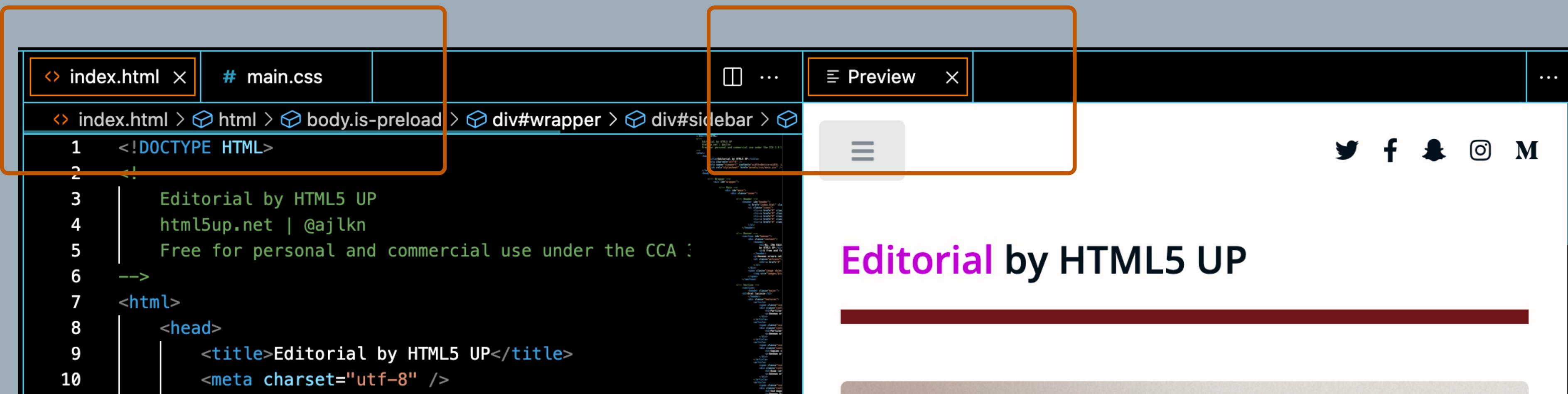
</div>
</div>

<!-- Scripts -->
<script src="assets/js/jquery.min.js"></script>
<script src="assets/js/browser.min.js"></script>
<script src="assets/js.breakpoints.min.js"></script>
<script src="assets/js/util.js"></script>
<script src="assets/js/main.js"></script>

</body>
</html>
```

Ln 1, Col 1

# Let's setup our VSCode to a solid workflow with:



# External Style Sheet (rather than an attribute, or an internal sheet): Our main.css is linked to our index.html at this point.

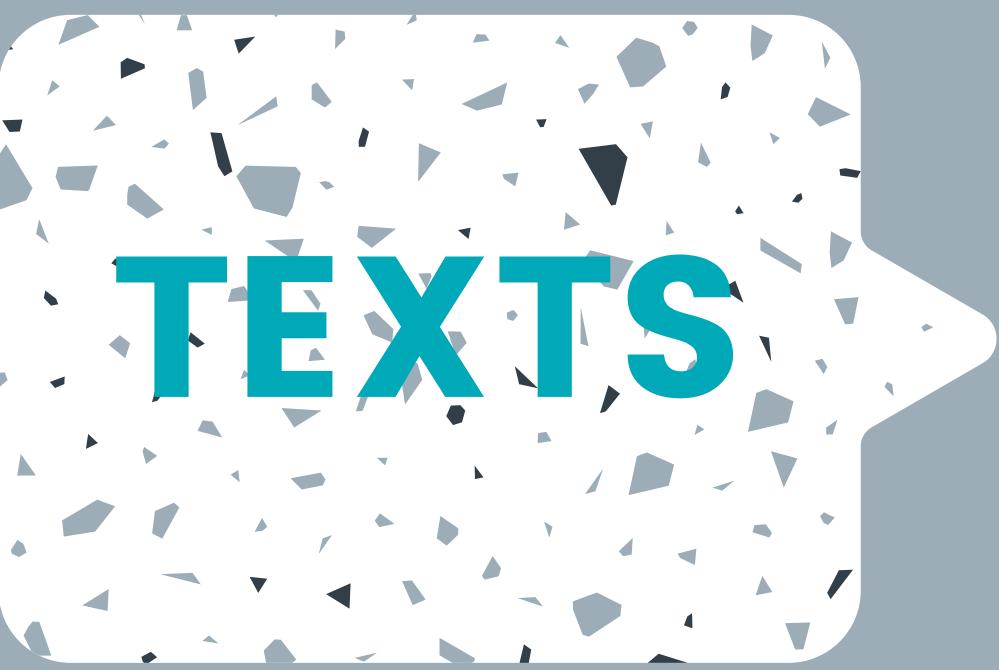
```
1  <!DOCTYPE HTML>
2  <!--
3  |   Editorial by HTML5 UP
4  |   html5up.net | @ajlkn
5  |   Free for personal and commercial use under the CCA 3.0 license (html5up.net/license)
6  -->
7  <html>
8  |   <head>
9  |       <title>Editorial by HTML5 UP</title>
10 |       <meta charset="utf-8" />
11 |       <meta name="viewport" content="width=device-width, initial-scale=1, user-scalable=no" />
12 |       <link rel="stylesheet" href="assets/css/main.css" />
13 |   </head>
14 |   <body class="is-preload">
```

Needs to be in the head section. Really useful when we are editing multiple pages at the same time, to match designs.



**Don't feel stressed to follow along with all the changes from hereon - you are more than welcome to do these in your own time! I'm just providing a set of options for you to explore.**

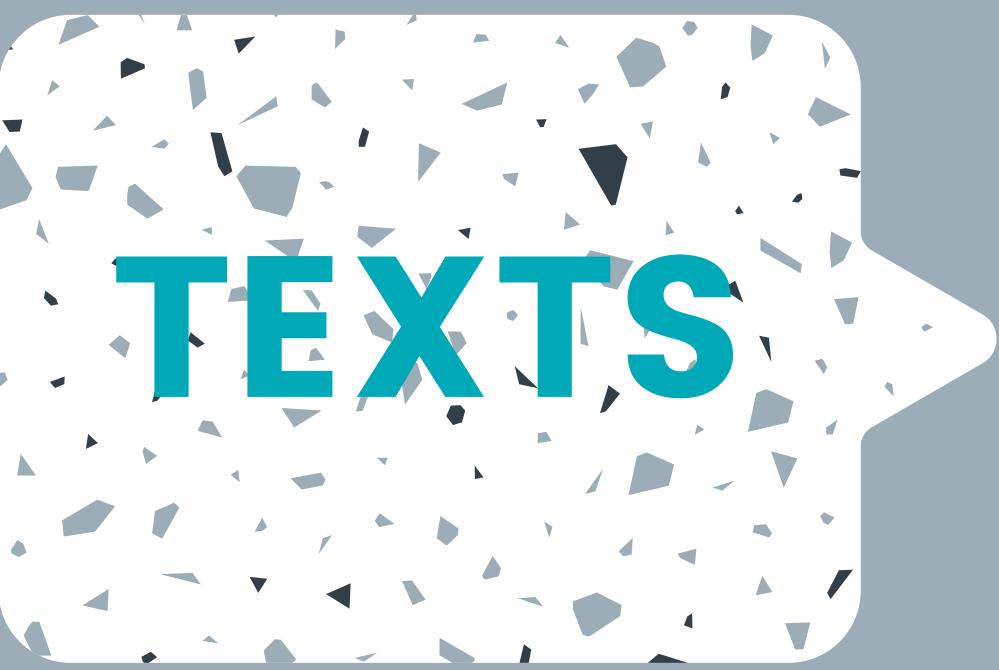
**Command + F (or Control + F if you're on a windows)'ing and taking example of already existing code syntax and structure will be your best friend!**



TEXTS

We make all changes to the text content on our index.html file. Notice the structure of the changes we will make:

```
23      <!-- Header -->
24      |   <header id="header">
25      |       |   <a href="index.html" class="logo"><strong>Editorial</strong> by HTML5 UP</a>
```



**TEXTS**

**Pro tip: To change any text you want, just command +F the text on the preview and go there on the .html code to make the change in that exact location.**

# TEXTS

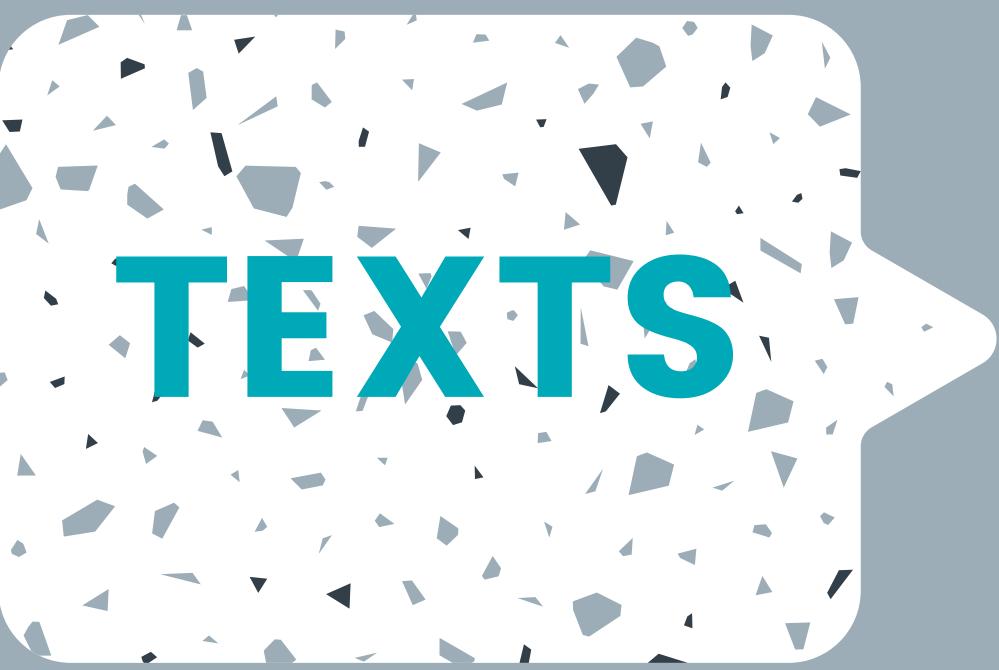
We can start by editing the introductory paragraph, we can change the button names:

```
36 <section id="banner">
37   <div class="content">
38     <header>
39       <h1>Hi, I'm Editorial<br />
40       by HTML5 UP</h1>
41       <p>A free and fully responsive site template</p>
42     </header>
43     <p>Aenean ornare velit lacus, ac varius enim ullamcorper eu. Proin aliquam
44     <ul class="actions">
45       <li><a href="#" class="button big">Learn More</a></li>
46     </ul>
47   </div>
48   <span class="image object">
49     
50   </span>
```

# TEXTS

We can change the text of main titles, sub titles, and the plain text:

```
53    <!-- Section -->
54    <section>
55        <header class="major">
56            <h2>Erat lacinia</h2>
57        </header>
58        <div class="features">
59            <article>
60                <span class="icon fa-gem"></span>
61                <div class="content">
62                    <h3>Portitor ullamcorper</h3>
63                    <p>Aenean ornare velit lacus, ac varius enim lorem ullamcorper dol</p>
64                </div>
65            </article>
```



**TEXTS**

We can even change the  
text of the foot note:

```
234 |           <!-- Footer -->
235 |           |   <footer id="footer">
236 |           |       |   <p class="copyright">&copy; Untitled. All rights reserved. Demo Images: <
237 |           |       |   </p>
|           |   </footer>
```



**PAGES**

**Pro tip: Find where the page linking areas are in the index.html code by command+f "href"! Href is the argument where we index new pages.**

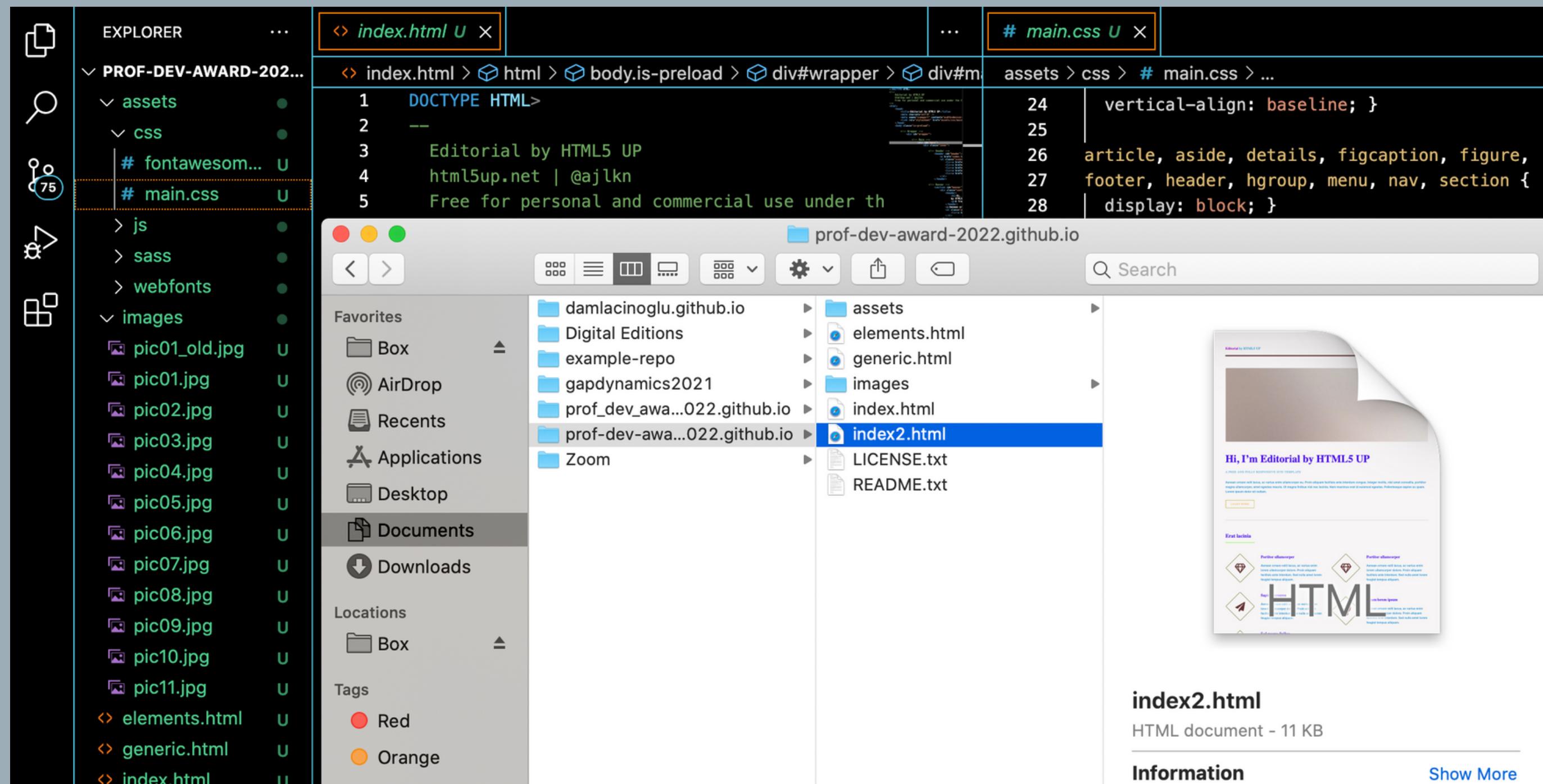
This section means that  
the "Editorial by HTML5" at the top  
links back to the main page:

```
<!-- Header -->
<header id="header">
    <a href="index.html" class="logo"><strong>Editorial</strong> by HTML5 UP</a>
    <ul class="icons">
        <li><a href="#" class="icon brands fa-twitter"><span class="label">Twitter</span></a>
```



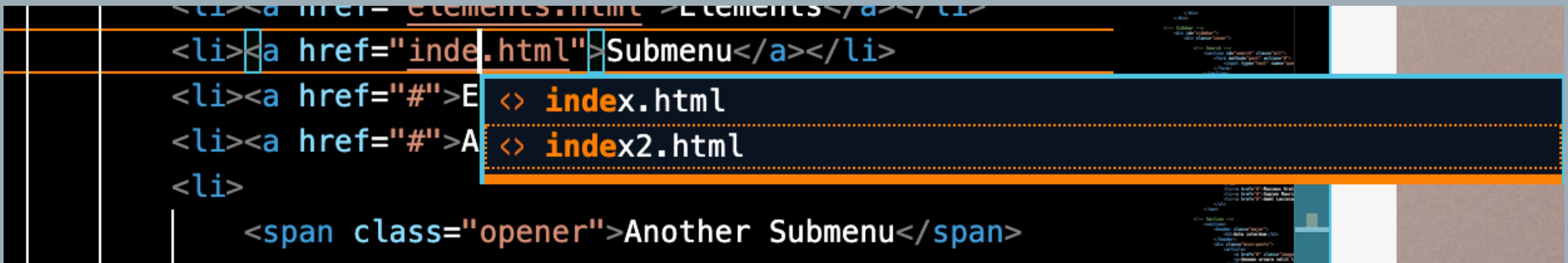
# PAGES

Each page will need it's own html script, but it will be sourcing from the same css script. We just made a copy of our main "index.html" in the same directoy, and linked it to a clicked area. We name this new file "index2.html".



# PAGES

Each page will need it's own html script, but it will be sourcing from the same css script. We just made a copy of our main "index.html" in the same directoy, and linked it to a clicked area. We name this new file "index2.html".



A screenshot of a code editor showing the creation of a new file named "index2.html". The code editor has a dark theme with orange highlights. The file contains the following HTML code:

```
<ul><a href="elements.html">Elements</a></ul>
<li><a href="index.html">Submenu</a></li>
<li><a href="#">E <span class="opener"> index.html
<li><a href="#">A <span class="opener"> index2.html
<li>
    <span class="opener">Another Submenu</span>
```

The "index.html" link in the first list item and the "index2.html" link in the second list item are both highlighted with orange boxes, indicating they are being edited or selected.

# PAGES

There are two other html scripts associated with this template, so you can also use those! For example here, we are using the "elements.html" to the SUBMENU button in the sidebar.

```
<ul>
  <li><a href="index.html">Homepage</a></li>
  <li><a href="generic.html">Generic</a></li>
  <li><a href="elements.html">Elements</a></li>
  <li><a href="elements.html">Submenu</a></li>
  <li><a href="#">Etiam Dolore</a></li>
  <li><a href="#">Adipiscing</a></li>
  <li>
```



ELEMENTS

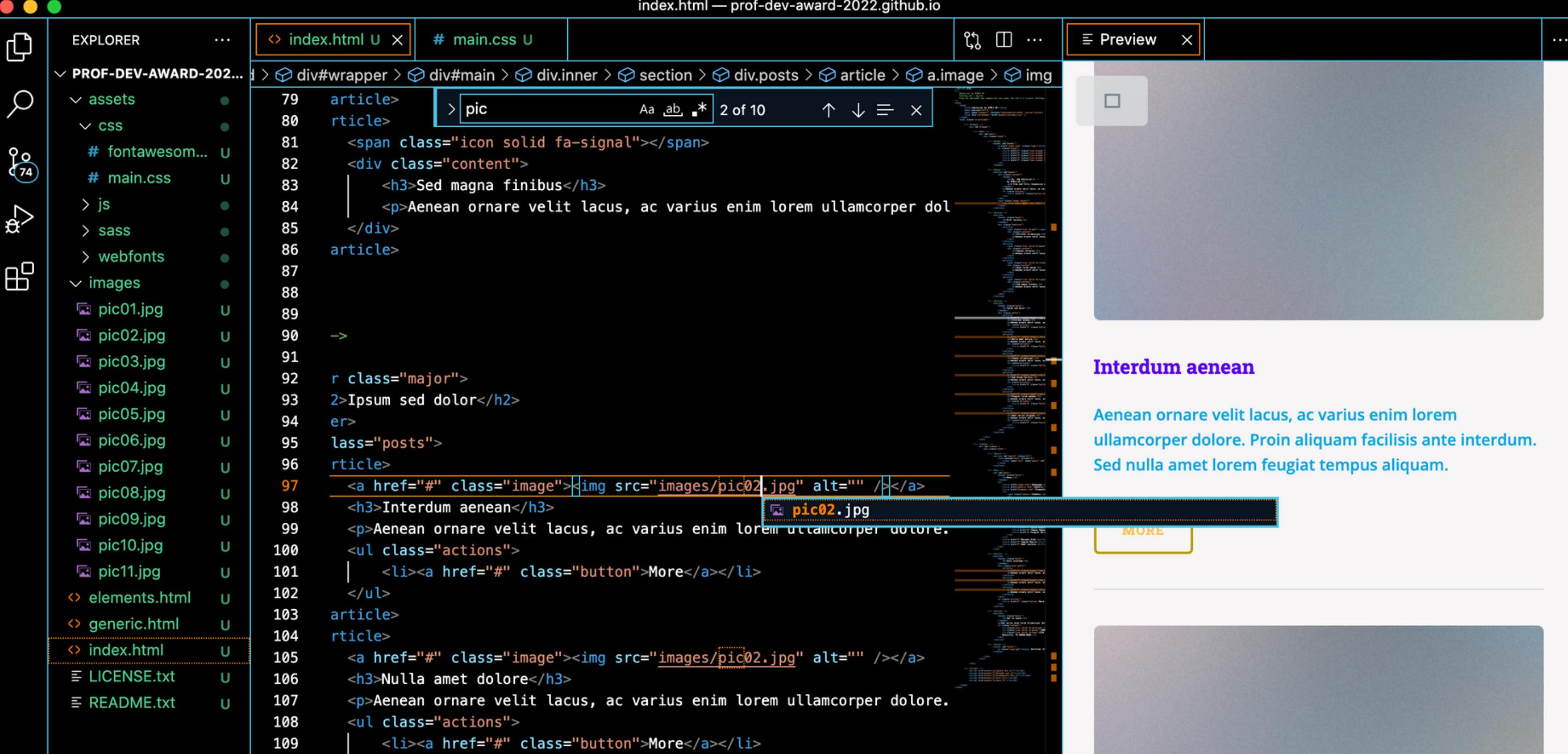
SUBMENU

ETIAM DOLORE

Don't forget! You'll have to edit each html script independently, with the content and the design elements you'd like!

# IMAGES

We make all changes to the visuals content on our index.html file. Notice that all the images in our file mention a name and source the file to its "images" file. We can observe a direct change by changing the pic01 to pic02:



The screenshot shows a code editor interface with two tabs: 'index.html' and '# main.css'. The 'index.html' tab is active, displaying the following code:

```
1 <div></div>
2 <div></div>
3 <div></div>
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103 <div></div>
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107 <div></div>
108 <div></div>
109 <div></div>
```

The code editor has a preview pane on the right side showing the rendered HTML content. The preview shows the following text:

Interdum aenean

Aenean ornare velit lacus, ac varius enim lorem ullamcorper dolore. Proin aliquam facilisis ante interdum. Sed nulla amet lorem feugiat tempus aliquam.

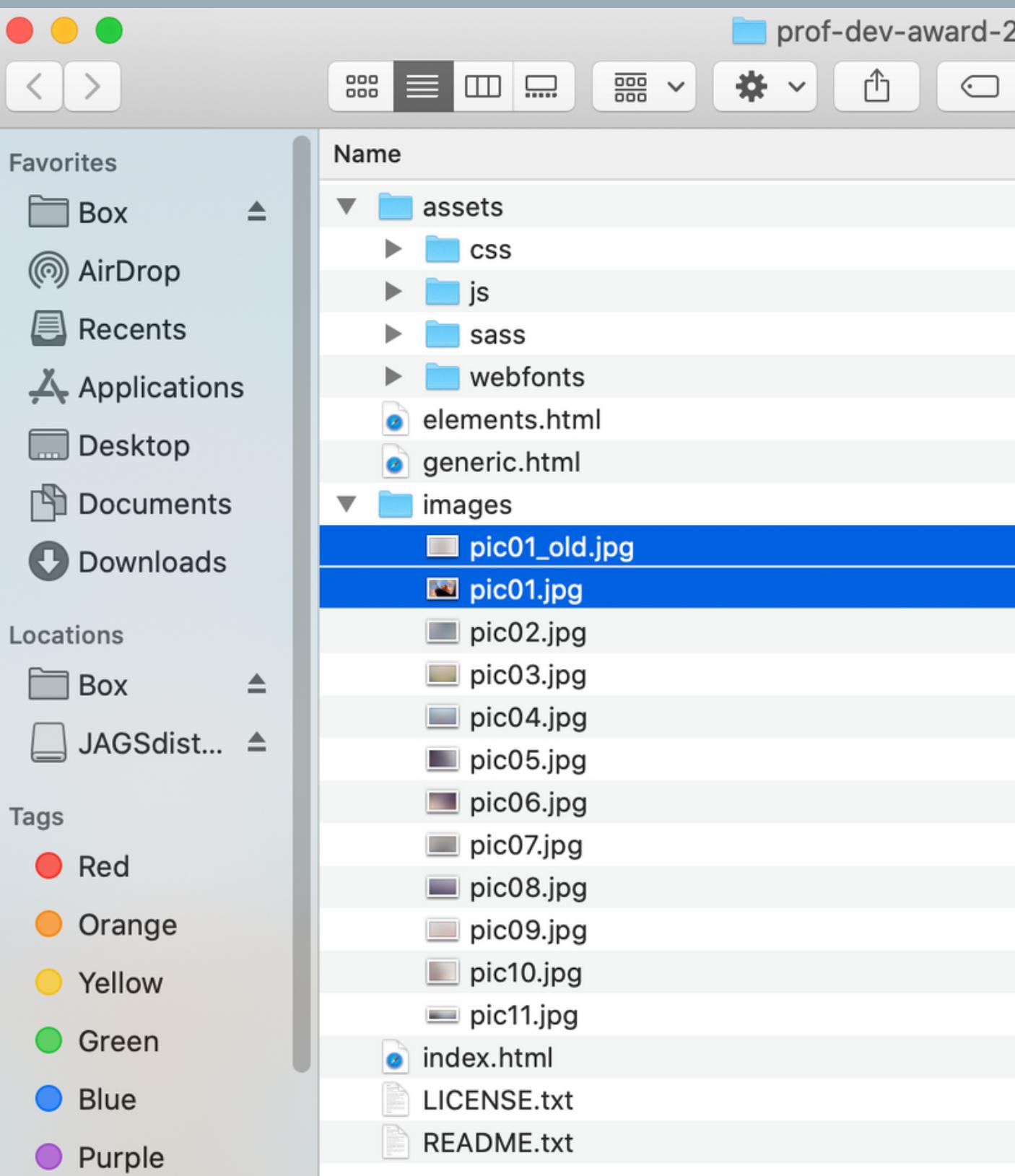


# IMAGES

**Pro tip: Find where the  
images are embedded in the  
index.html code by  
command+f "pic"!**

# IMAGES

Let's say we want to add an image, instead of the template images. Add a .jpeg image with the same name in the images file and that's basically it!



# IMAGES

Let's say we want to add an image, instead of the template images. Add a .jpeg image with the same name in the images file and that's basically it!

```
90 ion -->
91 ion>
92 header class="major">
93   <h2>Ipsum sed dolor</h2>
94 /header>
95 div class="posts">
96   <article>
97     <a href="#" class="image"></a>
98     <h3>Interdum aenean</h3>
99     <p>Aenean ornare velit lacus, ac varius enim lorem ullamcorper do
100    <ul class="actions">
101      <li><a href="#" class="button">More</a></li>
102    </ul>
103  </article>
104  <article>
105    <a href="#" class="image"></a>
106    <h3>Nulla amet dolore</h3>
107    <p>Aenean ornare velit lacus, ac varius enim lorem ullamcorper do
108    <ul class="actions">
109      <li><a href="#" class="button">More</a></li>
110    </ul>
111  </article>
112  <article>
113    <a href="#" class="image"></a>
```

Ipsum sed dolor



Interdum aenean

# Overview of the "referencing realm": When do we use "src" and when do we use "href"?

```
167
168      <!-- Menu -->
169      <nav id="menu">
170          <header class="major">
171              <h2>Menu</h2>
172          </header>
173          <ul>
174              <li><a href="index.html">Homepage</a></li>
175              <li><a href="generic.html">Generic</a></li>
176              <li><a href="elements.html">Elements</a></li>
177              <li><a href="index2.html">Submenu</a></li>
178              <li><a href="#">Etiam Dolore</a></li>
179              <li><a href="#">Adipiscing</a></li>
180          <li>
181              <span class="opener">Another Submenu</span>
182              <ul>
183                  <li>...
184              </ul>
185          </li>
186      </ul>
187  </nav>
```

```
223      </header>
224      <p>Sed varius enim lorem ullamcorper dolore aliquam aenean ornare velit lacus, a
225      <ul class="contact">
226          <li class="icon solid fa-envelope"><a href="#">information@untitled.tld</a><
227          <li class="icon solid fa-phone">(000) 000-0000</li>
228          <li class="icon solid fa-home">1234 Somewhere Road #8254<br />
229              Nashville, TN 00000-0000</li>
230      </ul>
```

```
<html>
    <head>
        <title>Editorial by HTML5 UP</title>
        <meta charset="utf-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1, user-
        <link rel="stylesheet" href="assets/css/main.css" />
    </head>
    <body class="is-preload">
```

```
102      <div class="posts">
103          <article>
104              <a href="#" class="image">
105              <h3>Interdum aenean</h3>
106              <p>Aenean ornare velit lacus, ac varius enim lorem ullam
107              <ul class="actions">
108                  <li><a href="#" class="button">More</a></li>
109              </ul>
```

# SIDE BAR

Let's just link to a page for one of the words on the sidebar!

```
<li><a href="elements.html">Elements</a></li>
<li><a href="index2.html">Submenu</a></li>
<li><a href="#">Etiam Dolore</a></li>
<li><a href="#">Adipiscing</a></li>
```

# SIDE BAR

## Changing the submenu within the submenu!

```
<li>
  <span class="opener">Submenu</span>
  <ul>
    <li><a href="#">Lorem Dolor</a></li>
    <li><a href="#">Ipsum Adipiscing</a></li>
    <li><a href="#">Tempus Magna</a></li>
    <li><a href="#">Feugiat Veroeros</a></li>
  </ul>
</li>
```



SUBMENU

LOREM DOLOR

IPSUM ADIPISCING

TEMPUS MAGNA

FEUGIAT VEROEROS

# SECTION

You might want to add or delete sections or full pages, depending on what you'd like to include on your website!

To do this, we must be careful to delete or remove the whole hierarchy! That's the key here.



**ICONS**

We change all icons on the  
index.html file:

**Pro tip: To change all the  
icons, just command +F the  
word "icon".**

**Ican names start with "fa-".  
Check this website to choose  
desired icons!**

[https://fontawesome.com/icon  
s/alien?s=light](https://fontawesome.com/icons/alien?s=light)

# ICONS

To change the icons, on the page:

```
53    ection -->
54    ection>
55      <header class="major">
56        |   <h2>Erat lacinia</h2>
57      </header>
58      <div class="features">
59        |   <article>
60          |     <span class="icon| fa-gem"></span>
61          |     <div class="content">
62            |       |   <h3>Portitor ullamcorper</h3>
63            |       |   <p>Aenean ornare velit lacus, ac varius enim lorem ullamco
64            |       |   </div>
65        </article>
66        <article>
67          |     <span class="icon solid fa-paper-plane"></span>
68          |     <div class="content">
69            |       |   <h3>Sapien veroeros</h3>
70            |       |   <p>Aenean ornare velit lacus, ac varius enim lorem ullamco
71            |       |   </div>
72        </article>
73        <article>
74          |     <span class="icon solid fa-rocket"></span>
75          |     <div class="content">
76            |       |   <h3>Quam lorem ipsum</h3>
```

# SOCIAL MEDIA

There is already a section in your  
HTML code to link to social media  
through icons at the top of the  
page!

```
22
23
24
25
26
27
28
29
30
31
32
33
34
<!-- Header -->
<header id="header">
  <a href="index.html" class="logo"><strong>Editorial</strong></a>
  <ul class="icons">
    <li><a href="#" class="icon brands fa-twitter"><span>Twitter</span></a>
    <li><a href="#" class="icon brands fa-facebook-f"><span>Facebook</span></a>
    <li><a href="#" class="icon brands fa-snapchat-ghost"><span>Snapchat</span></a>
    <li><a href="#" class="icon brands fa-instagram"><span>Instagram</span></a>
    <li><a href="#" class="icon brands fa-medium-m"><span>Medium</span></a>
  </ul>
</header>
```

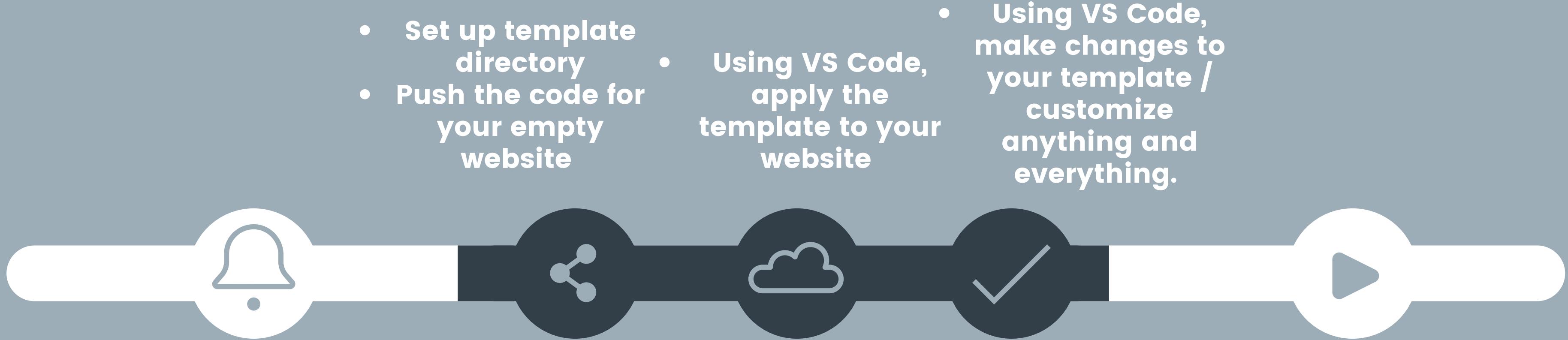


# GET IN TOUCH!

There is already a section in your  
HTML code to get in touch, within  
the menu bar!

```
219      <!-- Section -->
220      <section>
221          <header class="major">
222              |   <h2>Get in touch</h2>
223          </header>
224          <p>Sed varius enim lorem ullamcorper dolore aliquam aenean ornare velit lacus
225          <ul class="contact">
226              |   <li class="icon solid fa-envelope"><a href="#">information@untitled.tld</
227              |   <li class="icon solid fa-phone">(000) 000-0000</li>
228              |   <li class="icon solid fa-home">1234 Somewhere Road #8254<br />
229              |   Nashville, TN 00000-0000</li>
230          </ul>
231      </section>
```

# Our website building trajectory



- Set up GitHub account
- Set up VS Code
- Download the template

- Push the final website.
- Troubleshoot any errors.

# Until next time:

- **Download the code for our chosen template**
- **Add the template to your local repository file**
- **Play with code on VSCode!**
- **Make customizations to your HTML file!**
- **Come to office hours with customization questions - or areas you'd like to be covered in the final two weeks.**