

Web Design HTML Tutorial Due Tuesday, Nov. 8

In this HTML tutorial, you will make one HTML file and then try to make a second one based on what you learned. These will serve as the basis for the website you are making for the Web Publishing Project. Be prepared to hand in the files you make for this tutorial at the beginning of class on Tuesday, November 8, 2016. We will add to these files next week, when we begin visual styling with CSS.

This italic font signals instructions or explanations. Text that should be typed into your text editor is presented in a typewriter font: like this.

- 1. Before you begin, open your four comic strip/heading images in Photoshop, change the resolution to 72ppi, and make each image 900 pixels wide. Save them as jpegs in a folder called “images”. Put the “images” folder in a new folder for this project called “yourlastname-yourfirstname-04”.*
- 2. Open TextWrangler, Notepad ++, or Brackets (use TextWrangler in the AML). Make a new text document: **File > New > Text Document**. In TextWrangler, make sure to go to the View menu and choose Soft Wrap Text as well: **View > Text Display > Soft Wrap Text***
- 3. Begin manually typing the HTML below into your text editor EXACTLY as it appears here. Any typos may cause problems. As you type, you may edit the **content** (the text inside the **HTML tags**) so it reflects a webpage featuring one of the stories you have been assigned.*
- 4. This is required for every HTML page you make:*

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
    <head>
```

```
        <meta charset="utf-8">
```

```
        <title>Name of First Story</title>
```

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

```
    </head>
```

```
    <body>
```

```
    </body>
```

```
</html>
```

- 5. Now save this document as a HTML file inside the folder you made called “yourlastname-yourfirstname-04”. Call the file “story-1.html”. (You may have to add the file extension manually, depending on the text editor. Ask your computer to show file extensions if you have them hidden.) As you save, make sure to choose **Unicode (UTF-8)** under the **Encoding** option.*
- 6. Now open “story-1.html” in a browser (Chrome, Safari, Firefox). Do you see anything yet?*

7. Now go back to your text editor and change the title of the page in the title element from “Name of First Story” to the actual name of one of your assigned stories. Save the file, and go back to your browser window. Hit refresh. What changed?

8. Go back to your text editor and continue copying **inside the body element** (so, after **<body>** but before **</body>**):

```
<header>

    <h1>Arriving Late: Scenes from the Greatest Class I Never Saw</h1>
    <h2>Edited by Bryan Fry</h2>

</header>
```

9. Hit save. Go back to your browser and refresh. Now you should see something in the browser window. Go back to your text editor and continue copying right where you left off:

```
<nav>

    <ul class="menu">
    <li><a href="index.html">Home</a></li>
    <li><a href="story-1.html">Story 1</a></li>
    <li><a href="">Story 2</a></li>
    <li><a href="">Story 3</a></li>
    <li><a href="">Story 4</a></li>
    </ul>

</nav>
```

10. Hit save. Go back to your browser and refresh. Now you should see a bulleted list with links. Eventually these should link to all five of your HTML pages. These are examples of **internal links**. The links will not work from the browser until the files they point to exist in the folder you created. You will need to make an “index.html” page to serve as your homepage, a “story-2.html” file, and so on. Now go back to your text editor and continue copying where you left off:

```
<main>

    <section> <!-- This section contains the short story -->

        <h2>Story 1</h2>
        <h3>by Firstname Lastname</h3>

    <figure>

        
        <figcaption>Image Design by Firstname Lastname</figcaption>

    </figure>
```

11. Hit save. Go back to your browser and refresh. You may not see an image appear unless one of your jpegs is named “saturday-biscuits.jpg” inside your “images” folder. Open one of your jpegs in Photoshop and look

at its pixel dimensions (width and height). Adjust these in the HTML you just typed, and try to point to this image in your HTML so it opens in the browser window. Once you get this to work, continue copying where you left off:

```
<p>Each paragraph of the story should be in its own p tag. Add the text of the
story instead of copying this placeholder text (you may copy and paste paragraph by
paragraph from the word doc): Donec nec orci a lorem facilisis gravida. Etiam
tortor sapien, maximus a arcu vel, fermentum gravida dolor.</p>
```

```
<p>"Integer blandit at urna vel mattis. Integer ut nunc nunc. Nulla in auctor
risus!"</p>
```

```
<p>"fermentum gravida dolor," dictum metus faucibus imperdiet molestie.</p>
```

```
<p>Donec nec orci a lorem facilisis gravida. Etiam tortor sapien, maximus a arcu
vel, fermentum gravida dolor. Phasellus ac feugiat velit. Morbi et efficitur nulla.
Sed consectetur molestie vestibulum. Praesent dictum metus faucibus imperdiet
molestie.</p>
```

```
</section>
```

- 12.** Hit save. Go back to your browser and refresh to see what this looks like. Go back to your text editor and continue copying right where you left off, transferring all the paragraphs of text from your first short story, before the **</section>** tag. When you are done with that, add this:

```
<section> <!-- This section contains image credits -->

    <h2>Photo Credits</h2>

    <ol>
        <li>This is just an example. The info and links here should correspond to the
first image in the sequence above. Creator, <a
href="https://www.flickr.com">title</a> <a
href="https://creativecommons.org/licenses/by/2.0/">(CC BY 2.0)</a>.</li>
        <li>The info and links here should correspond to the second image in the
sequence above.</li>
        <li>The info and links here should correspond to the third image in the
sequence above.</li>
        <li>The info and links here should correspond to the fourth image in the
sequence above.</li>
        <li>And so on...</li>
    </ol></section>

</main>
```

- 13.** Hit save. Go back to your browser and refresh to see what this looks like. You should see that **<!-- HTML comments -->** do not appear as text in your browser window, and how ordered lists **** and external links work. External links go to other websites, not files on your local computer. Now you are almost done, but you need to add a footer before the **</body>**. Change the relevant information so your name and email appear in the footer:

```
<footer>
```

```
<p>The stories featured on this website were written for <a
href="http://public.wsu.edu/~bryanfry/">Bryan Fry</a>'s English 251:
```

Introduction to Creative Writing class at Washington State University in Spring 2016

This website was created by Yourfirstname Yourlastname for <https://compositionanddesign.wordpress.com/201-2/> DTC201: Tools & Methods for Digital Technology, Fall 2016. Contact Me: your.email@wsu.edu

14. Make sure the body element is closed and the html element is closed after you close the footer (you typed these two at the very beginning of this tutorial). HTML tags must be nested inside one another in the order in which they were created to work properly. These were the first tags you opened at the beginning of your document, so they are the last ones to close. Hit save and preview your file one last time in the browser.
15. When you think you are done, upload your “story-2.html” file here:
https://validator.w3.org/#validate_by_upload
Hit the CHECK button to see if you get any warnings or errors. If so, can you fix them? Go back and check your work.
16. Can you use what you learned in making this file to start an HTML document for your homepage? It should be called “index.html” and it might look like this (But you don’t have to manually type this all again! It is ok to copy and paste from your other file, as long as you are careful about opening and closing tags in the proper order):

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>Arriving Late</title>
```

```
<!-- <link rel="stylesheet" href="css/stylessheet.css"> -->
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<h2>Arriving Late: Scenes from the Greatest Class I Never Saw</h2>
```

```
<h3>Edited by Bryan Fry</h3>
```

```
</header>
```

```
<nav>
```

```
<ul class="menu">
```

```
<li><a href="index.html">Home</a></li>
```

```

    <li><a href="story-1.html">Story 1</a></li>
    <li><a href="story-2.html">Story 2</a></li>
    <li><a href="story-3.html">Story 3</a></li>
    <li><a href="story-4.html">Story 4</a></li>
  </ul>

</nav>

<main>

<section>

  <h2>Welcome to my online journal</h2>

  <p>This is your homepage that should encourage a user to click and read
  further. How can you use what you learned making the other pages, and reading
  the w3schools chapters, to make this page enticing? What text and image(s) would
  be appropriate? Maybe pictures could even be links!</p>

</section>

</main>

<!-- Remember, the header, nav, and footer elements should stay exactly the same on
  each of your html pages -->

<footer>
<p>The stories featured on this website were written for <a
href="http://public.wsu.edu/~bryanfry/">Bryan Fry</a>'s English 251:
Introduction to Creative Writing class at Washington State University in Spring
2016<p>This website was created by Yourfirstname Yourlastname for <a
href="https://compositionanddesign.wordpress.com/201-2/">DTC201: Tools & Methods
for Digital Technology</a>, Fall 2016. Contact Me: <a
href="mailto:your.email@wsu.edu">your.email@wsu</a></p>
</footer>

</body>

</html>

```

17. *This is what your folder structure should look like so far:*

```

yourlastname-yourfirstname-04 (folder)
  —images (folder)
  —index.html
  —story-01.html

```