



Lecture 02 ICE

Note: Please keep the programs that you create today, in case you have a question about your grades for the ICEs at the end of the quarter.



Part 1: Adding HTML5 Head Tags

1. Download [ice02_html01.html](#) and save it to your BIT116 work folder for Lecture02. You'll notice that it appears to have very little content.
2. Open the file using your editor. You'll see that there is some new code in this file:

```
<html lang="en"> Adding this to the html tag shows the language is English
<head>
<meta charset="utf-8"> This shows the Universal Character Set is Transitional Format 8-Bit
<meta name="author" content="Rex Winkus"> This metatag tracks who the Author of the page is
```

3. In between the `<meta>` tags, change `content="Rex Winkus"` to your own name.
4. Change `<h1>Page Heading</h1>` to your last name.
5. Change `<p>Page Content</p>` to some *Lorem Ipsum* content.
6. **Save** your work as **template.html** and delete the original file.
7. **View** the file in a browser or your editor's Preview *Tab*.



REMINDER: This quarter we will be concerned that your work displays correctly in **Chrome only**.



Part 2: Adding Content, Links, and an Image

1. Add an `<h2>` tag and its text, and create an `` ordered list
2. Add an `<h2>` tag and its text, and create an `` unordered list
3. Add three `<a>` links (*Google, Yahoo, Bing*) below the unordered list

4. Download the **cascadia.jpg** image to your **Lecture02** folder, then insert it below the `<h1>` tag near the top of the page.



HINT: You may want to look at the source code of [html6.html Example File](#) to see how this is done.

5. **Save** this page as **page01.html**.
6. **View** the file in a browser or your editor's Preview *Tab*.



Part 3: Adding HTML5 Tags

1. Below the `<body>` tag, wrap the `<h1>` tags in an HTML5 tag called `<header>`. Don't forget to include the closing `</header>` tag after the closing `</h1>` tag.



HINT: You may want to look at the source code of [html6.html Example File](#) to see how this is done.

2. Wrap your image, headings, paragraphs, ordered list, unordered list, and links inside the HTML5 tag called `<section>`. Don't forget to include the closing `</section>` tag.



HINT: You may want to look at the source code of [html6.html Example File](#) to see how this is done.

3. Below the closing `</section>` tag, create an HTML5 `<footer>` section. Don't forget to include the closing `</footer>` tag.
4. Inside the `<footer>` tag, add a `<p>` tag, then inside that a **copyright** symbol by inserting `© 20xx` (this year) into the code.
5. On the other side of the copyright code, add a `<a>` tag which will act as an email `mailto:` linking your email address to your name. Don't forget to add `` and `</p>` closing tags.



HINT: You may want to look at the source code of [html6.html Example File](#) to see how this is done.

6. **Save** your work again as **page01.html**.
7. **View** the file in a browser or your editor's Preview *Tab*.



Part 4: Creating and Linking to a Second Page

1. Beneath the `<p>` tags near the top of the page, add an `<h3>` tag and `</h3>` closer.

2. Inside the `<h3>` tag, create an `<a href>` link to `page02.html`.



HINT: You may want to look at the source code of [html6.html Example File](#) to see how this is done.

3. **Save** your work (as `page01.html`).

4. **Save** your work again, but this time as `page02.html`.

5. In the `page02.html` file, change the `<h1>` text to **Page 2**.

6. In the `page02.html` file, change the `<a href>` `page02.html` link to `page01.html`.

7. In the `page02.html` file, **delete** the **image**, the **ordered list heading** and the **ordered list**, and finally the **unordered list heading** and the **unordered list**.



HINT: You may want to look at the source code of [html7.html Example File](#) to see how this is done.

8. **Save** your work, again as `page02.html`.

9. Open your `page01.html` file in a browser and test your link to the `page02.html` file, and from your `page02.html` file test your link back to your `page01.html` file. If it does not work correctly, compare your `page01.html` and `page02.html` files to the `html6.html` and `html7.html` Example Files and make the necessary changes. **DON'T FORGET THAT IF YOU GET STUCK YOU CAN ASK FOR HELP.**

10. When you've completed this ICE please save your `template.html`, `page01.html`, and `page02.html` for the next class. We are going to add **CSS** to them to make them **colorful**, fix their **margins** and **padding**, alter their **fonts**, and tweak their **links**.

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