Introduction to HTML 5

CS-210 Introduction to Unix

What is HTML?

- HTML stands for <u>H</u>yper<u>T</u>ext <u>M</u>arkup <u>L</u>anguage
- An HTML web page is a document comprised of a series of tags which denote the contents of the document.
- Tags are frequently embedded within other tags in a hierarchical manner.

What is a tag?

- Tags are encapsulated within less-than "<" and greater-than ">" characters.

- Example tag: <html> ... </html>

- In the example above, the slash inside the html tag above brings closure to the html tag.

Which HTML tags will we need to know?

- <!DOCTYPE>
- <html> … </html>
- <head> … </head>
- <title> … </title>
- <body> … </body>
- <h1> … </h1>
- …
- …
- <img>

Template for a simple web page

```html
<!DOCTYPE html>

  <html>

    <head>

      <title>Welcome to my web page</title>

    </head>

    <body>

      <h1>Robert Bruce</h1>

      <ul>

        <li>I primarily compose electronic music but have played live in various bands.</li>

        <li>I primarily play classical guitar, electric bass, and piano.</li>

        <li>I began my musical journey at age eight playing alto saxophone.</li>

      </ul>

      <img src="https://blue.cs.sonoma.edu/~rbruce/images/robs_bass.png" alt="Rob's 5-string electric bass.">

    </body>

  </html>
```

Template for a simple web page

- https://blue.cs.sonoma.edu/~rbruce/

Viewing existing web pages

- An excellent way to see how a web page is created is to view the web page's HTML content.

- On the Firefox browser, right mouse click on the web page then select "view page source".

Resources for HTML

https://www.w3schools.com/html/