

Recitation 3 – Introduction to HTML

Tools you can use:

- Notepad
- Notepad++
- Text Wrangler (for Mac users; I don't have a Mac so maybe one of you guys try it out and tell me how it works)
- A web browser to view your webpage
- DON'T USE MS WORD

Steps:

1. In your text editor of choice, open up an empty document. Name it whatever you want, but the extension must be ".html" (i.e. "webpage.html")
2. Put in a doctype declaration at the top: `<!DOCTYPE html>` (this is not actually an HTML tag)
3. Put relevant tags in. HTML pages are made of tags, and most tags follow an "open/close" format that usually looks like **<opening tag></closing tag>**. Here are some basic tags:
 - a. `<html></html>` – this should enclose the entire document
 - b. `<head></head>` – where the title is stored
 - c. `<title></title>`
 - d. `<body></body>` – where most of the webpage content belongs
 - e. `<p></p>` – paragraphs; use these when you want to write sentences, etc.
 - f. `<h1></h1>` (up to h6) – header tags
 - g. `<hr>` – makes a dividing line
 - h. `
` – line break
 - i. `` – image tag
 - j. `` – tags used create hyperlinks
4. Here's a basic skeleton of an HTML file:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>My Webpage!</title>
```

```
  </head>
```

```
  <body>
```

```
    <h1>My Website</h1>
```

```
  </body>
```

```
</html> REMEMBER TO CLOSE TAGS
```

5. **Uploading and viewing it on Eden (I was unable to get to this step in class so also take a look at this):**

- a. Save the file (with a .html extension)
- b. Use the SSH client covered in the document uploaded last week to drag all relevant files (HTML files and images) into your “public_html” folder (create your “public_html” folder and set the permission to 755 if you haven’t done so)
 - i. To set the permission, simply right-click the folder and go to properties, and change the permissions value to 755
 - ii. Image and HTML files should be set to 644, while folders to 755
- c. Go to <http://eden.rutgers.edu/~netid/pagename.html> (replace netid with your actual NETID and pagename.html with your actual webpage’s name)
 - i. Using me as an example: <http://eden.rutgers.edu/~ew231/Example.html>