



**Good Morning!**

**MCS2273/MJR2204**  
**Introduction to Web Design**

January 2017  
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# Designing your own Web Site: Structure and Process



# At the End of this Day, you should be able to:

- Identify components of a Web site
- Describe files commonly used in Web sites
- Identify HTML tags and some coding
- Discuss applying style to HTML
- Recall how to do the following with HTML:
  - Set up templates
  - Creating links
  - Format text
  - Work with images



# Components and Structure of a Web Site

- Components of a Web site:
  - HTML files and images that visitors
- Viewed through a Web browser



Safari – common on Apple



Chrome from Google



Internet Explorer from Microsoft

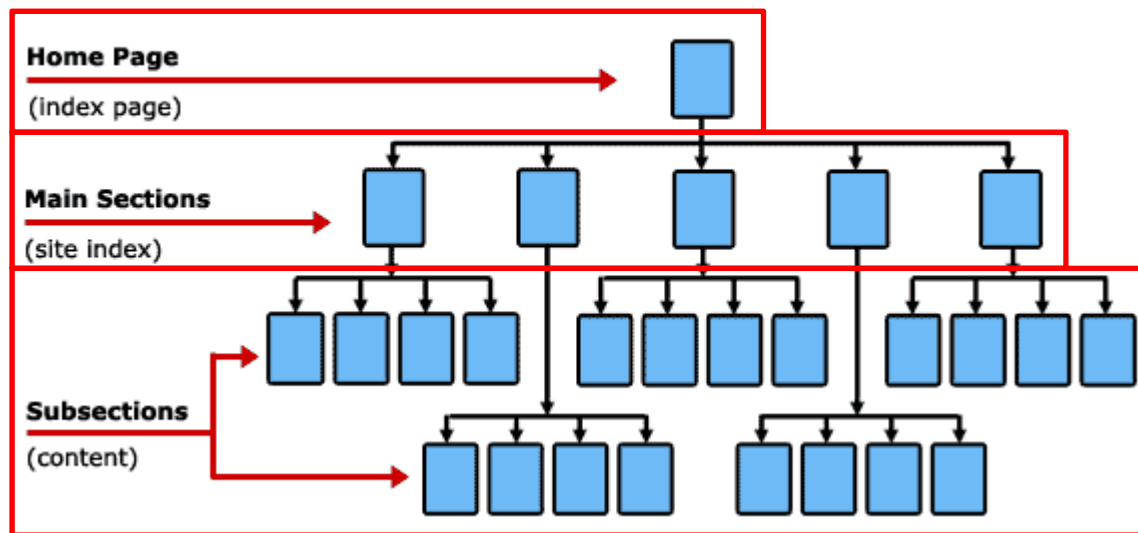


Firefox from the Mozilla Foundation

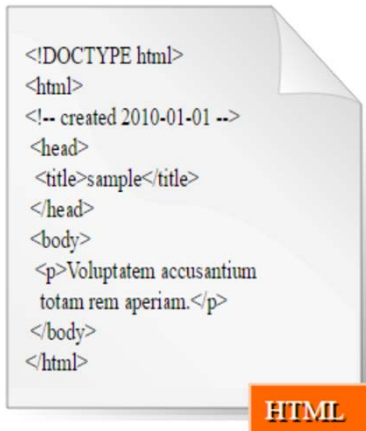


# Structure of a Web Site

Basic Website Layout



# Files viewed through a Browser



HTML

Hypertext  
Markup  
Language

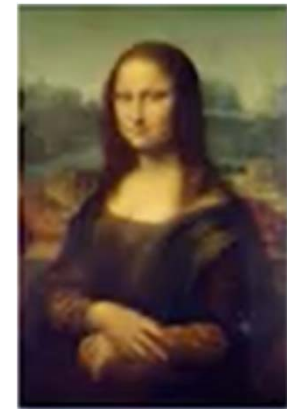


CSS

Cascading Style  
Sheets



Java Script



Images, pictures,  
art & graphics



# Creating your own HTML: Setting up a Template

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4
5     <title>My First Page</title>
6
7 </head>
8
9 <body>
10
11 <H1>This is a Heading</H1>
12
13 <H3>This is a Smaller Heading</H3>
14
15 <p></p>
16
17
18 </body>
19
20
```

- Let's take a look in Dreamweaver: html0.html



# Setting up your own HTML: Images and Links

```
10
11 <H1>Experimenting with Images and Links</H1>
12
13 <a href="http://www.google.com">Go to Google!</a>
14
15 <BR/>
16
17 
18
19 <BR/>
20
21 
22
23 <BR/>
24
25 <a href="http://www.google.com">Go to Google 2!</a>
26
27
28
29
```

- Let's take a look in Dreamweaver: html2.html





# Setting up your own HTML: Working with Images

```
7 </head>
8
9 <body>
10
11 <H1>Experimenting with Images and Links</H1>
12
13 <a href="http://www.google.com">Go to Google!</a>
14
15 <BR/>
16
17 
18
19 <BR/>
20
21 
22
23 <BR/>
24
25 <a href="http://www.google.com">Go to Google 2!</a>
```

- Let's take a look in Dreamweaver: html3.html



# Setting up your own HTML: Tables and Comments

```
4
5     <title>My Fourth Page</title>
6
7 </head>
8
9 <body>
10
11 <h1>HTML Tables and HTML Comments</h1>
12
13 <table>
14 <tr>
15 <td>Day 1</td><td>Walking</td><td>30 minutes</td>
16 </tr>
17 <tr>
18 <td>Day 2</td><td>Swimming</td><td>45 minutes</td>
19 </tr>
20 <tr>
21 <td>Day 3</td><td>Resting</td><td>500 minutes</td>
22 </tr>
23
```

- Let's take a look in Dreamweaver: [html4.html](#)



# Setting up your own HTML: How to practice

- W3 Schools HTML Tutorials
  - [http://www.w3schools.com/html/html\\_basic.asp](http://www.w3schools.com/html/html_basic.asp)
  - <http://www.w3schools.com/HTML/>
- HTML Goodies Articles
  - <http://www.htmlgoodies.com/primers/html/basic-html-that-everyone-should-know.html>
  - <http://www.htmlgoodies.com/primers/html/article.php/3478131>
- Jake Wright Learn HTML in 12 Minutes
  - <https://www.youtube.com/watch?v=bWPMSSsVdPk>
- Making Tables in HTML
  - <https://www.youtube.com/watch?v=6cRqgXIKJTw>



# How to put your HTML on the Internet

- <http://www.godaddy.com> uploader
- In Dreamweaver



# How to test your HTML

```
24 </tr>
25
26 <tr>
27 <td>Day 4</td><td>Resting</td><td>500 minutes</td>
28 </tr>
29
30 <tr>
31 <td>Day 5</td><td>Resting</td><td>500 minutes</td>
32 </tr>
33 <tr>
34 <td>Day 6</td><td>Resting</td><td>500 minutes</td>
35 </tr>
36
37
38
39
40 </table>
41
42
43
```

- Do you see the mistake?
- Test as you go, if possible: One step at a time



# Add Style to your HTML

- Cascading Style Sheets
  - Cascading Style Sheets = CSS
  - Inline CSS
    - Can be messy and hard to use
  - Internal CSS
    - Using <style> element in <head> section
  - External CSS
    - Using an external CSS file



# Add Style to your HTML: Inline CSS

```
4
5   <title>My Second Page</title>
6
7 </head>
8
9 <body>
10
11 <h1 style="">Experimenting with Links and Text</h1>
12
13 <a href="http://www.google.com" >Go to Google</a>
14
15 <p>Practicing HTML is fun. <em>So far </em>we have learned <strong>HTML</strong> is
16 that help us describe how we want our webpages to look. We have tried the head,
17 title, H (heading) and paragraph tags so far. Very few people know all the tags in
18 HTML, but that is okay because we can do a lot with just some basic tags. We can
19 learn about new tags when we need them.</p>
20
21
22
23
```

- Let's take a look in Dreamweaver



# Step-By-Step Assignment Instructions

To complete this optional assignment, setup an HTML template similar to the one used in the lecture from scratch (don't just submit the existing resource file). Include the following items at a minimum:

- a head section
- a body section
- text in the body section
- use of paragraph tag(s) and heading tag(s)
- at least one image embedded from an external web location (like Google Images)

Submit your single completed HTML file (.htm or .html) for review.







**Many thanks  
for your attention.**

