

*Web 2.0 is HTML5, CSS3, and JavaScript ↑ HTML5 is document structure language ↑ CSS3 is document presentation language ↑ JavaScript does the rest ↑ HTML5 is now and future so we will learn it! ↑ HTML5 is the hopeful candidate to eliminate plugins ↑ HTML5 is not as strict as XHTML or XML ↑ Lets hope XHTML dies away quickly and quietly ↑ <IDOCTYPE html> ↑ <html lang="en"> ↑ <meta charset="utf-8"> ↑
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HTML5: Simple Document Example

Tag nesting order: Last Open is First Closed

DOCTYPE specification is required for validation at http://validator.w3.org/ Either copy and paste code or upload file

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HTML: Block Level Elements

- ❖ Paragraph = Normal text
 ◆ This is a paragraph
 ❖ Headings = Bold text
 - ♦ <h1>XX-Largest</h1> = XX-Large

 <h2>X-Large = X-Large

 - ◆ <h4>Medium</h4> = Medium
 - ♦ < h5>Small < /h5> = Small
 ♦ < h6>X-Small < /h6> = x-Small

 x-Small

 x-Small

 x-Small

 x-Small

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- ◆ Therefore, <hr> is an empty element
- ♦ In XHTML empty element written as <hr />
- ❖ Do not nest block level elements

HTML: Comments

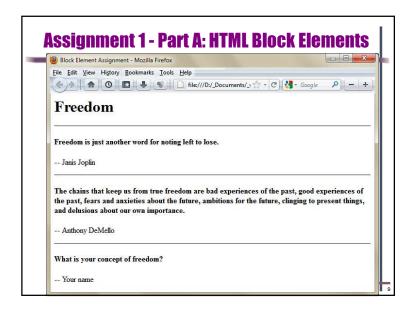
- **❖ HTML** Comments are considered hidden text
 - ◆ Comments are ignored by the web browser rendering engine and display nothing in client area
 - ◆ Permits writing notes to those that view xhtml code
 - ◆ Can be used for debugging by disabling sections of code which may extend across multiple lines.
- ❖ Syntax:

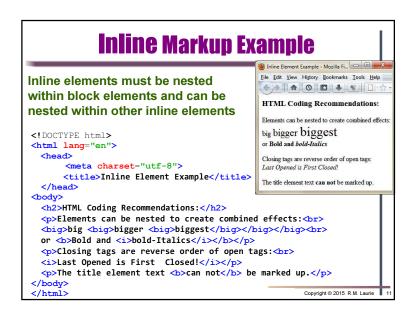
```
<!-- This is a Comment -->
```

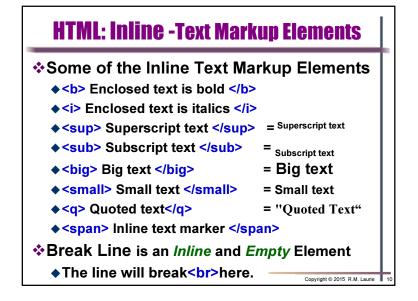
- ◆ Can extend across multiple lines
- ◆ Can not contain "-->" in comment
- ◆ Can not nest comments

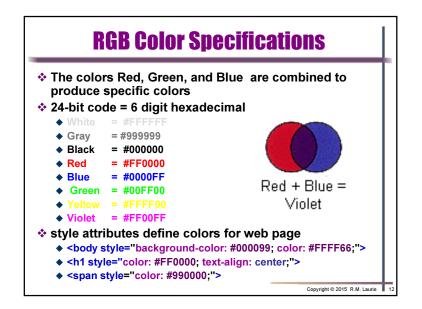
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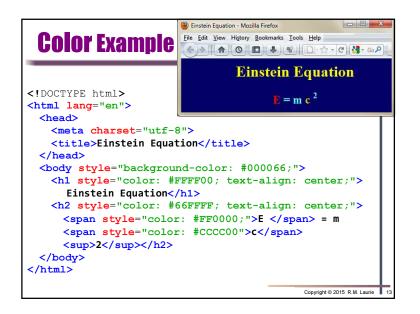
HTML: Block Elements Example File Edit View History Bo <!DOCTYPE html> () A O D <html lang="en"> <head> <!--Head section executes first--> This is a paragraph <meta charset="utf-8"> <title>Welcome to Block Level HTML</title> XX-Large <body> <!-- displayed in browser--> This is a paragraph <hr>> X-Large <h1>XX-Large</h1> <h2>X-Large</h2> Large <h3>Large</h3> <h4>Medium</h4> Medium <h5>Small</h5> <h6>X-Small</h6> Small </body> </html> X-Small

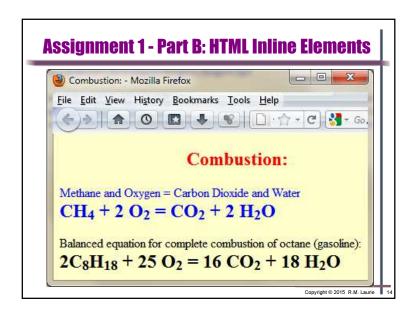


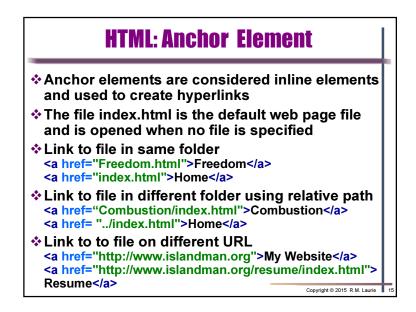


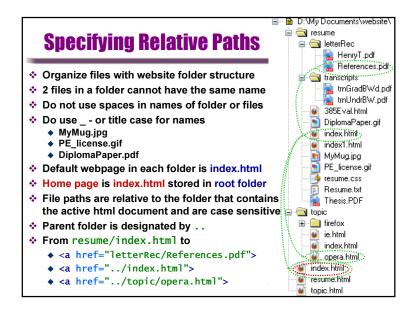


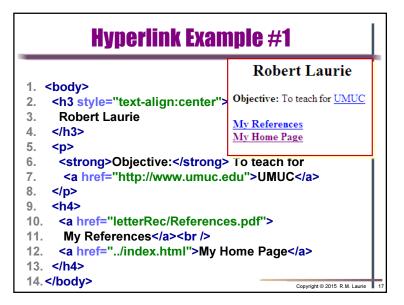


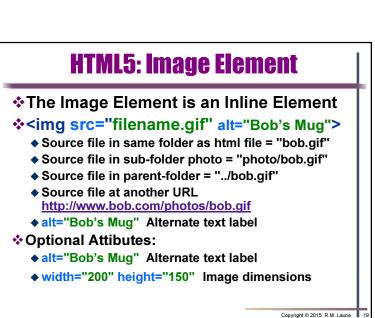












```
UMUC - Asia Division
Hyperlink Example #2
                                             Associate Professor
                                             Guam, Iwakuni, and Sasebo Japan
                                             January 1998 through Present
                                             References
                                             Taught courses with the following course content:
<h3>UMUC - Asia Division</h3>
                                               · C++ Programming

    Web Site Design

    JavaScript Progra

   Associate Professor<br>
   Guam, Iwakuni, and Sasebo Japan<br>
   January 1998 through Present<br>
   <a href="letterRec/References.pdf">References</a><br>
   Taught courses with the following course content:
  <a href="../_umuc/cmis140/index.html" title="CMIS141">
       Java Programming</a>
   <a href="../ umuc/cmst385/index.html" title="CMST385">
       Web Site Design</a>
   <a href="../ umuc/cmst386/index.html" title="CMST386">
       JavaScript Programming</a>
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```

