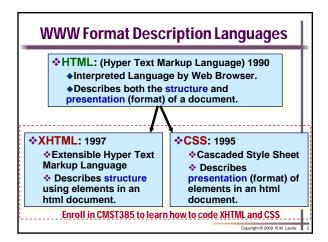
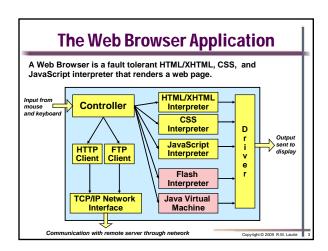
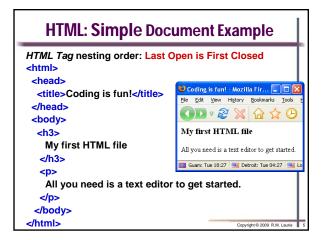
# HTML −HyperText Markup Language \* HTML is a document description language • Web Publishing Syntax • CPU and Operating System Independence • Web Browser Independence \* Provides document layout description for: • Text, Images, Animation, Sound, Hyperlinks • Interaction with server forms and programs \* HTML Element Tags • ASCII text based • Denoted by enclosing in <> • Not case sensitive − May use upper or lower case \* HTML is NOT a programming language





### 



### **HTML: Block Level Elements** ❖Paragraph = Normal text This is a paragraph ❖Headings = Bold text h1>XX-Largest</h1> = XX-Large = X-Large ♦<h2>X-Larger</h2> = Large **♦<h3>Large</h3>** ◆<h4>Medium</h4> = Medium <h5>Small</h5> = Small <h6>X-Small</h6> ❖ Warning: Nesting of block level elements is not permitted!

## **HTML: Comments**

- \*XHTML 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 Level Example** <html> <head> <!--Head section executes first--> <title>Welcome to Block Level HTML</title> 4. </head> 5. <body> <!-- displayed in browser--> (ID • & ) This is a paragraph 6. 7. <h1>XX-Large</h1> This is a paragraph 8. <h2>X-Large</h2> XX-Large <h3>Large</h3> 9. 10. < h4 > Medium < /h4 >X-Large 11. <h5>Small</h5> Large 12. <h6>X-Small</h6> 13. </body> Medium 14. </html>

# **HTML: Horizontal Rules**

- The Horizontal Rule <hr>> element draws a horizontal bar across the web page
- \*<hr> is a block level element
  - ◆ Typically used to separate document sections
  - ◆ Represents element placement not text markup
  - ◆ Therefore, <hr> is an empty element and does not require an end tag
  - Avoid "sandwich" effect don't overuse
     Limit to one <hr>
     <hr>
     element per web page
  - Warning: Nesting of <hr>
     <hr>

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