

XHTML: Inline -Text Markup Elements

❖ Some Inline Text Markup Elements

- ◆ `` Usually bold `` = Usually bold
- ◆ `` Emphasize `` = Usually italics
- ◆ `_{` Subscript text `}` = Subscript text
- ◆ `^{` Superscript text `}` = Superscript text
- ◆ `<big>` Big text `</big>` = Big text
- ◆ `<small>` Small text `</small>` = Small text
- ◆ `<code>` Monospaced text `</code>` = Monospaced text
- ◆ `<q>` Quoted text `</q>` = "Quoted Text"
- ◆ `<abbr title="Japan">` JP `</abbr>` = JP

❖ Break Line is an *Inline* and *Empty* Element

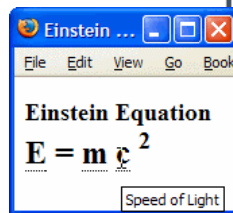
- ◆ The line will break `
` here.

Copyright © 2005 R.M. Laurie 1

Inline Markup Example

```

1. <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2. "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3. <html xmlns="http://www.w3.org/1999/xhtml">
4.   <head>
5.     <title>Einstein Equation</title>
6.   </head>
7.   <body>
8.     <p>
9.       Einstein Equation<br />
10.      <abbr title="Energy">E</abbr> =
11.      <abbr title="Mass">m</abbr>
12.      <abbr title="Speed of Light">c</abbr>
13.      <sup>2</sup>
14.    </p>
15.  </body>
16. </html>
    
```

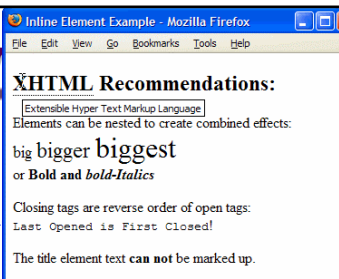


Copyright © 2005 R.M. Laurie 2

Inline Markup Exam

```

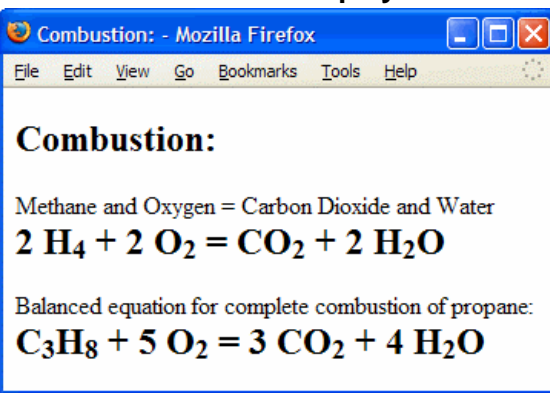
1. <head>
2.   <title>Inline Element Exampl
3. </head>
4. <body>
5.   <h2><abbr title="Extensible Hyper Text Markup Language">
6.     XHTML</abbr>Recommendations:</h2>
7.   <p>Elements are nested to create combined effects:<br />
8.     <big>big <big>bigger <big>biggest</big></big></big><br />
9.     or <strong>Bold and <em>bold-Italics</em></strong></p>
10.  <p>Closing tags are reverse order of open tags:<br />
11.  <code>Last Opened is First Closed!</code></p>
12.  <p>The title element text <strong>can not</strong>
13.  be marked up.</p>
14. </body>
    
```



Copyright © 2005 R.M. Laurie 3

XHTML: Practice

❖ Write XHTML code that displays the following.



Copyright © 2005 R.M. Laurie 4

Special Characters and Symbols

<	<code>&lt;</code>	<code>&#60;</code>	See
>	<code>&gt;</code>	<code>&#62;</code>	Textbook
&	<code>&amp;</code>	<code>&#38;</code>	Apndx. A
"	<code>&quote;</code>	<code>&#34;</code>	or TextPad
	<code>&nbsp;</code>	<code>&#160;</code>	HTML clip
©	<code>&copy;</code>	<code>&#169;</code>	library
•		<code>&#149;</code>	or link
»	<code>&raquo;</code>	<code>&#187;</code>	below

<http://www.islandman.org/uog/cs201/spcChar.html>

Copyright © 2005 R.M. Laurie 5

Example: Symbols, Rules, and Comments

```

<head>
  <title>Character and Rule Test</title>
</head>
<body>
  <p><big><big><strong>
    <!-- This is a test of special
    characters. -->
    &lt; &amp; &quote; &nbsp; &copy;
  </strong></big></big></p>
  &cent; &yen; &frac12; &frac14;
  &ntilde;
</body>
    
```

< & " ©

¢ ¥ ½ ¼ ñ

Copyright © 2005 R.M. Laurie 6

XHTML: List Elements

❖ Unordered List (Bullet List)

- ◆ ` `
- ◆ `` List item ``

Which is a Reptile?

```

<ul>
  <li>Cats</li>
  <li>Dogs</li>
  <li>Turtles</li>
</ul>
        
```

Which is a Reptile?

- Cats
- Dogs
- Turtles

Copyright © 2005 R.M. Laurie 7

XHTML: List Elements

❖ Ordered List (Number List)

- ◆ ` `
- ◆ `` List item ``

Which is a Mammal?

```

<ol>
  <li>Trout</li>
  <li>Dolphin</li>
  <li>Shark</li>
</ol>
        
```

Which is a Mammal?

- 1.Trout
- 2.Dolphin
- 3.Shark

Copyright © 2005 R.M. Laurie 8

XHTML: List Elements

```

Animals
<ul>
  <li>Mammals
    <ul>
      <li>Dogs</li>
      <li>Dolphins</li>
    </ul> </li>
  <li>Reptiles
    <ul>
      <li>Snake</li>
      <li>Turtle</li>
    </ul> </li>
</ul>

```

Animals

- Mammals
 - Dogs
 - Dolphins
- Reptiles
 - Snake
 - Turtle

Copyright © 2005 R.M. Laurie 9

XHTML: Definition List

- ❖ List of items with associated definitions
- ❖ Indent only. No bullets or numbers!

```

<dl>
  <dt>Fat Free Foods</dt>
  <dd>Foods with less then 0.5% of calories from fat</dd>
  <dt>Sugar Free Foods</dt>
  <dd>Foods typically containing chemical sweetener</dd>
</dl>

```

Fat Free Foods
 Foods with less then 0.5% of calories from fat
 Sugar Free Foods
 Foods typically containing chemical sweetener

Copyright © 2005 R.M. Laurie 10

XHTML: Block Quote Indent

- ❖ Block of text can be indented using blockquote element
- ❖ Nest blockquote elements for more indent

```

<body>
  <p>Animals</p>
  <blockquote>
    <p>Mammals</p>
    <blockquote>
      <p>Humans<br />
      Dolphins<br />
      Dogs</p>
    </blockquote>
  </blockquote>
  <p>Reptiles<br />
  Birds</p>
</blockquote>
</body>

```

Animals

Mammals

Humans
Dolphins
Dogs

Reptiles

Birds

Copyright © 2005 R.M. Laurie 11

XHTML: Exercise

- ❖ Apply these concepts to Project 1
 - ◆ Using any text editor, write the XHTML code to create the text portion of your resume.html document
 - ◆ Include your name, contact information, employment experience, education, and personal info.
 - ◆ Save your file to diskette.
 - ◆ Validate using <http://validator.w3.org>
 - ◆ Test your HTML file by opening it in two different browsers. Note any differences in appearance.

Copyright © 2005 R.M. Laurie 12