

## XHTML: Inline -Text Markup Elements

### ❖ Some Inline Text Markup Elements

- ◆ `<strong>` Usually bold `</strong>` = Usually bold
- ◆ `<em>` Emphasize `</em>` = Usually italics
- ◆ `<sub>` Subscript text `</sub>` = Subscript text
- ◆ `<sup>` Superscript text `</sup>` = 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

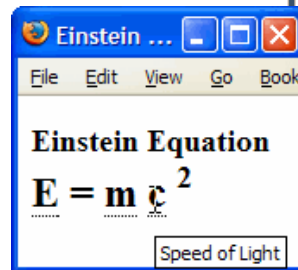
### ❖ Break Line is an *Inline* and *Empty* Element

- ◆ The line will break `<br />` here.

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## 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>
```



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## Inline Markup Example

1. `<head>`
2. `<title>Inline Element Example</title>`
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>`

**XHTML Recommendations:**  
Extensible Hyper Text Markup Language  
Elements can be nested to create combined effects:  
big bigger biggest  
or **Bold and bold-Italics**

Closing tags are reverse order of open tags:  
Last Opened is First Closed!

The title element text **can not** be marked up.

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## Assignment 2 (15Points)

- ❖ Write the XHTML code to display your name and the following. Label the abbreviation for Octane.
- ❖ Print the valid XHTML code and the browser output.

**Combustion:**

Methane and Oxygen = Carbon Dioxide and Water

$$2 \text{H}_4 + 2 \text{O}_2 = \text{CO}_2 + 2 \text{H}_2\text{O}$$

Balanced equation for complete combustion of octane (gasoline):

$$2 \text{C}_8\text{H}_{18} + 25 \text{O}_2 = 16 \text{CO}_2 + 18 \text{H}_2\text{O}$$

Done 0 errors / 0 warnings

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