|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Formatting Text** |  |

|  |
| --- |
| **Your Tasks** |
| * Explore Text Formatting * Predict the output of code using different headings and paragraph tags * Have Ms. Pluska check off the above tasks * Debug text formatting tag errors * Style content with text formatting tags * Receive credit for the group portion of this lab |

* **Explore Headings**

Sometimes there is a need to change text by making it appear bold, italicized, subscripted, or superscripted, etc. HTML has many tags which enable us to customize our text. The following illustrates many such tags.

|  |  |
| --- | --- |
| **Code** | **Output** |
| <!DOCTYPE html>  <html>  <head>  <title>Text Formatting</title>  </head>  <body>  <h1>Examples of Formatted Text</h1>  <p>Hello GeeksforGeeks</p>  <p><b>Hello GeeksforGeeks</b></p>  <p><strong>Hello GeeksforGeeks</strong></p>  <p><i>Hello GeeksforGeeks</i></p>  <p><em>Hello GeeksforGeeks</em></p>  <p><mark>Hello GeeksforGeeks</mark></p>  <p>Hello <sup>GeeksforGeeks</sup></p>  <p>Hello <sub>GeeksforGeeks</sub></p>  <p><small>Hello GeeksforGeeks</small></p>  <p><del>Hello GeeksforGeeks</del></p>  <p><ins>Hello GeeksforGeeks</ins></p>  <p>Here is a quote from WWF's website:</p>  <blockquote cite="http://www.worldwildlife.org/who/index.html">  For 50 years, WWF has been protecting the future of nature.  The world's leading conservation organization,  WWF works in 100 countries and is supported by  1.2 million members in the United States and  close to 5 million globally.  </blockquote>  <p>WWF's goal is to: <q>Build a future where people live in harmony with nature.</q></p>  <p>The <abbr title="World Health Organization">WHO</abbr> was founded in 1948.</p>  <address>  Written by John Doe.<br>  Visit us at:<br>  Example.com<br>  Box 564, Disneyland<br>  USA  </address>  </body>  </html> |  |

|  |  |
| --- | --- |
| Write code that could be used to create the following output, | |
| **Output** | **Code** |
|  |  |

* **Predict the output of code using different text formatting tags**

In the previous lesson you were introduced to the paragraph and the different heading tags. Below illustrates some common usages of text tags to format text

|  |  |
| --- | --- |
| **Code** | **Output** |
| <h1>Text Tags</h1>  <p>paragraph</p>  <p><strong>bold</strong></p>  <p><em>italicized</em></p>  <p><mark>highlight</mark></p>  <p>number<sup>superscript</sup></p>  <p>letter<sub>subscript</sub></p>  <p><del>strikethrough</del></p>  <p><ins>underline</ins></p> |  |

Below is a summary of the common tags you should know,

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tag** | **Result** |  | **Tag** | **Result** |
| <b> | Bold text |  | <small> | Small text |
| <strong> | Important/Bold text |  | <delete> | Deleted/Strikethrough text |
| <i> | Italic text |  | <ins> | Inserted/Underlined |
| <em> | Emphasized/Italic text |  | <sup> | Subscript text |
| <mark> | Marked/Highlighted text |  | <sup> | Superscipt text |
| <br> | Line break (NOTE: This tag does not need a close tag) | | | |

|  |  |
| --- | --- |
| Refer to the tags below to predict the output of the following code. | |
| **Code** | **Output** |
| <!DOCTYPE html>  <html>  <head>  </head>  <body>  <h1><ins>Chemistry Reactions</ins></h1>  <br>H<sub>2</sub> + H<sub>2</sub> -->  H<sub>2</sub>O  <br>KClO<sub>3</sub> -->  KCl + O<sub>2</sub>  <p></p>  <h1><ins>Constants</ins></h1>  <br>1 mole = 6.022 x 10<sup>23</sup>  <br>e charge = −1.602 × 10<sup>−19</sup> coulomb    </body>  </html> |  |

* **Have Ms. Pluska check off the above tasks**



Before you continue have Ms. Pluska check off the above tasks

Do not continue until you have Ms. Pluska’s (or her designated TA’s) signature \_\_\_\_\_\_\_\_\_\_\_\_

* **Debug text formatting tag erros**

Debugging code is an important skill in computer science. Common errors that occur when you are coding in HTML is forgetting to close a tag. Or simply typing something you did not intend to. Consider the example below,

|  |  |
| --- | --- |
| **Code** | **Output** |
| <h1>Text Tags</h1>  <p>paragraph</p>  <p><strong>bold</p>  <p><em>italicized</em></p>  <p><mark>highlight</mark></p>  <p>number<sup>superscript</sup></p>  <p>letter<sub>subscript/sub></p>  <p><del>strikethrough</del></p>  <p><ins>underline</ins></p> |  |

Notice that because there was not a closing <strong> tag, all the text following this tag is displayed in bold text

|  |  |
| --- | --- |
| Find the errors and circle them. Then, write the code correctly. | |
| **Find the errors** | **Write the corrected code** |
| <!DOCTYPE html>  <html>  <head>  </head>  <body>  <h1><ins>Chemistry Reactions</h1>  <p>H<sub>2</sub> + H<sub>2</sup> -->  H<sub>2</sub>O  <p>KClO<sub>3</sub> -->  KCl + O<sub>2</sub>    <h1><ins>Constants</ins</h1>  <p>1 mole = 6.022 x 10<sup>23</sup><p>  <p>e charge = −1.602 × 10<sup>−19<sup> coulomb</p>    </body>  </html> |  |

* **Style content with text formatting tages**

Just as we saw in the previous lesson, without tags, text in our web pages would be all mashed together and would not make since. Consider the text and corresponding output below.

|  |  |
| --- | --- |
| **Code** | **Output** |
| 20 January 2016  Miss Eileen Dover  4321 Cliff Top Edge  Dover, CT9 XXX  UK  Re: Eileen Dover university application  Dear Eileen, |  |

|  |
| --- |
| Write code to style the content below exactly as shown |
|  |
| **Code** |
|  |

* **Receive Credit for the group portion of this lab**



* Indicate the names of all group members.
* Have Ms. Pluska check your formatting text
* Submit your lab to the needs to be graded folder to receive credit for the group portion of this lab.
* Do not submit your lab until you have Ms. Pluska’s (or her designated TA’s) signature

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