|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Headings** |  |

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

* **Explore Headings**

So far, you've organized your content into paragraphs. Another way HTML allows you to organize your code is by using headings. A heading is a short piece of text that goes at the top of a section of content, like a title. There a different sizes of headings in HTML. These are designated with the following tags: <h1></h1>, <h2></h2>, <h3></h3>, <h4></h4>, <h5></h5>, <h6></h6>

When the code below is ran, the out put to the right is displayed.

|  |  |
| --- | --- |
| **Code** | **Output** |
| <h1>h1 headers are Really Big</h1>  <h2>Smaller than h1</h2>  <h3>Smaller than h2</h3>  <h4>Smaller than h3</h4>  <h5>Smaller than h4</h5>  <h6>Smaller than h5</h6> |  |

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

* **Predict the output of code using different headings and paragraph tags**

In the previous lesson you were introduced to the paragraph tag. Paragraphs in HTML are denoted with the <p></p> tag. Below illustrates how the size of the paragraph tag compares with the heading tags introduced above,

|  |  |
| --- | --- |
| **Code** | **Output** |
| <h1>h1 headers are Really Big</h1>  <h2>Smaller than h1</h2>  <h3>Smaller than h2</h3>  <h4>Smaller than h3</h4>  <h5>Smaller than h4</h5>  <h6>Smaller than h5</h6>  <p>I am a paragraph</p> |  |

Notice in the above example that all the code denoted with an header tag is bold. Elements coded with a paragraph tag are not bold. Also, notice that the paragraph tag is about the same size font as the <h3></h3> head tag.

|  |  |
| --- | --- |
| Predict the output of the following code. Do your best to write the font sizes relative to one another. | |
| **Code** | **Output** |
| <!DOCTYPE html>  <html>  <head>  </head>  <body>  <h1> My Hobbies </h1>  <h2> Soccer </h2>  <h4> 5 years </h4>  <p>Soccer is awesome</p>  <h2>Baking</h2>  <h4> 10 years </h4>  <p>I love baking</p>  <h2>Drawing</2>  <h4>2 years</h4>  <p>Drawing is fun</p>    </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 heading and paragraph tag errors**

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>h1 headers are Really Big</h1>  <h2>Smaller than h1</h2>  <h3>Smaller than h2  <h4>Smaller than h3<</h4>  <h5>Smaller than h4<h5>>  <h6>Smaller than h5</h6> |  |

Notice that the h5 header did not display and we extra less than and greater than signs in the text.

|  |  |
| --- | --- |
| Find the errors and circle them. Then, write the code correctly. | |
| **Find the errors** | **Write the corrected code** |
| <h1>h1 headers are Really Big</h1>  <h2>Header 2<</h2>  <h3>Header 3</3>  <p>A paragraph</p>  <p>Another paragraph  <h4>Header 4<</h4>  <h5>Header 5<h5>>  <h1>Header 1</h6> |  |

* **Style content with Paragraphs and Headings**

Without tags, code in our web pages would be all mashed together. Consider the text and corresponding output below.

|  |  |
| --- | --- |
| **Code** | **Output** |
| My Pets    Text about my pets    Lula  Dog  Text about my dog    Slowpoke  Turtle  Text about my turtle  Hamster  Text about my hamster |  |

|  |  |
| --- | --- |
| Write code to style the content using paragraph and heading tags | |
| **Text** | **Code** |
| My Pets Text about my pets  Lula Dog Text about my dog Slowpoke Turtle Text about my turtle Hamster Text about my hamster |  |

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



* Indicate the names of all group members.
* Have Ms. Pluska check your Headings
* 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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