

Write your name below and indicate your role,

Project Manager (PM), Recorder (R)

Name _____ Role _____

Name _____ Role _____

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 are 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 output to the right is displayed.

Code	Output
<pre><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></pre>	h1 headers are Really Big Smaller than h1 Smaller than h2 Smaller than h3 Smaller than h4 Smaller than h5

Write code that could be used to create the following output,

Output	Code
Header ??? Header ??? Header ??? Header ??? Header ??? Header ???	

❑ 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
<pre><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></pre>	<p>h1 headers are Really Big</p> <p>Smaller than h1</p> <p>Smaller than h2</p> <p>Smaller than h3</p> <p>Smaller than h4</p> <p>Smaller than h5</p> <p>I am a paragraph!</p>

Notice in the above example that all the code denoted with a 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
<pre><!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></pre>	

□ 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,

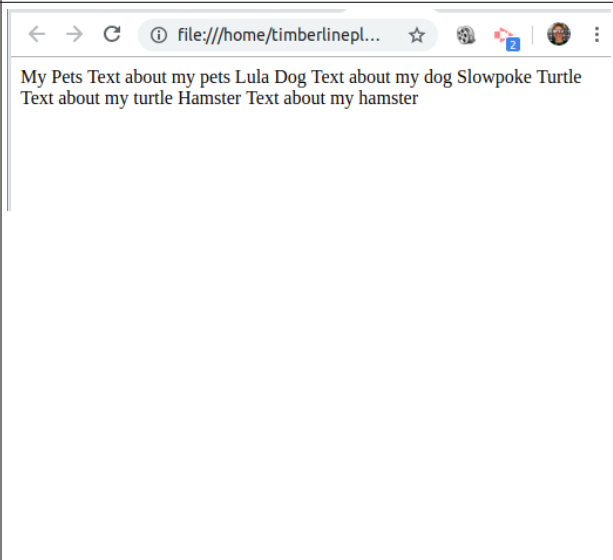
Code	Output
<pre><h1>h1 headers are Really Big</h1> <h2>Smaller than h1</h2> <h3>Smaller than h2 <h4>Smaller than h3<</h4> <h5>Smaller than h4<h5>> <h6>Smaller than h5</h6></pre>	<p>h1 headers are Really Big</p> <p>Smaller than h1</p> <p>Smaller than h2</p> <p>Smaller than h3<</p> <p>Smaller than h4</p> <p>></p> <p>Smaller than h5</p>

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
<pre><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></pre>	

□ 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
<pre>My Pets Text about my pets Lula Dog Text about my dog Slowpoke Turtle Text about my turtle Hamster Text about my hamster</pre>	

Write code to style the content using paragraph and heading tags

Text	Code
<pre>My Pets Text about my pets Lula Dog Text about my dog Slowpoke Turtle Text about my turtle Hamster Text about my hamster</pre>	

□ 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
