

HTML5 Authoring with Mark Lasso

Section 2: Using HTML5 Heading Tags

Heading Tags are commonly used to mark up headings within a document. Within complex documents there are often several levels of headings to concern yourself with. HTML actually offers six levels of heading so even the most complex scientific documents can be rendered correctly.

After completing this section you will:

☐ Be able to use HTML5 Headings

Watch This: HTML5 Section 002 Video

As always your course videos are available on YouTube, Roku and other locations. However, only those officially enrolled have access to this course guide, are able to submit assignments, work with the instructor, and get this guide.

Watch this section video at: <https://youtu.be/Cu10iOAKVLs>

HTML5 Headings

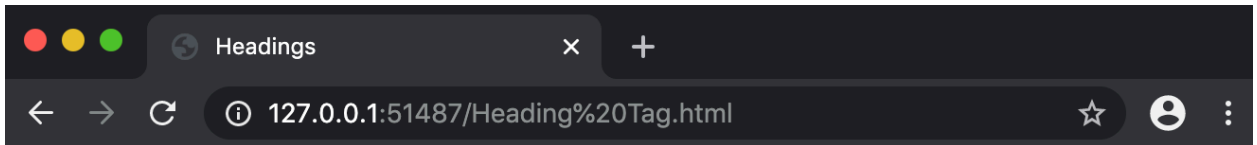
Examine the following code.

```
<!DOCTYPE html>  
<html>
```

```
<head>
  <title>Headings</title>
</head>
<body>
  <h1>The Coders' Daily Bugle</h1>
  <h2>All the news thats fit to code</h2>
  <h3>This is an h3.</h3>
  <h4>This is an h4.</h4>
  <h5>This is an h5.</h5>
  <h6>This is an h6.</h6>
</body>
</html>
```

This code demonstrates all six available levels of heading within HTML. `<h1>` is designed to surround the most important heading on the page. `<h2>` should be used for subheadings (or second level headings). For less important headings in the document you'll use `<h3>` through `<h6>`.

When rendered in the browser the html should appear similar to the screenshot below.



The Coders' Daily Bugle

All the news thats fit to code

This is an h3.

This is an h4.

This is an h5.

This is an h6.

Very few documents use `<h4>` through `<h6>`.

Keep in mind, that while headings are rendered larger and bolder than body text, headings are not the proper way to increase the size of text in your document. Size and boldness are simply the way the default style sheet opts to represent heading importance. You can alter this (and the appearance of any element) with CSS.

The purpose of HTML is to define the purpose of individual content elements, not the appearance of the elements. Appearance remains completely the domain of CSS (Cascading Style Sheet language).

The Break Tag

There are two things notable about the break tag. First it's a self closing tag. Second, it's immensely useful.

The break tag is written as `
`. You'll immediately note that it looks different than any of the tags we've discussed so far. The break tag does **not** have a closing tag. It's self closing and can have no content in side of it. (The slash at the end indicates a self-closing or empty tag.)

It's function is to simply put a break in the text and start on the next line.

Let's look at a quick example:

```
<p>Roses are Red<br/>
Violets are Blue<br/>
I like HTML5<br/>
And I Hope So Do you</p>
```

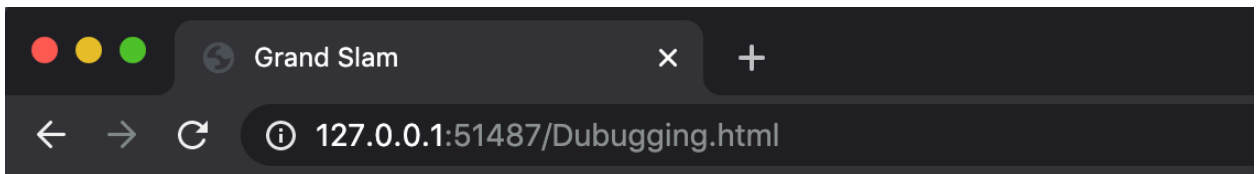
Due the the break tags this code would display as follows:

```
Roses are Red  
Violets are Blue  
I like HTML5  
And I Hope So Do you
```

Note that all the text appears within the same paragraph element, but, the text is distributed on different lines due to the appearance of the `
`.

Debug This

There are errors in this code preventing it from displaying the information about the HTML5 Specialist Certification correctly. Fix the errors so the information displays correctly in your browser like this:



Grand Slam

Written By Majorie Maddox

Dreams brimming over,
childhood stretched out in legs,
this is the moment replayed on winter days
when frost covers the field,
when age steals away wishes.
Glorious sleep that seeps back there
to the glory of our baseball days.

Here's the code. Good luck!

```
<!DOCTYPE>
<html>
  <head>
    <title>Grand Slam</title>
  </head>
  <h1>Grand Slam</h1>
  <h2>>Written By Majorie Maddox</h2>
  <p>Dreams brimming over,<br/>
  childhood stretched out in legs,<br/>
  this is the moment replayed on winter days<br/>
  when frost covers the field,<br/>
  when age steals away wishes.<br/>
  Glorious sleep that seeps back there<br/>
  to the glory of our baseball days.</p>
</html>
```

Submit This: With Rue My Heart is Laden

[With Rue My Heart is Laden](#) is a famous poem by AE Houseman. The poem goes like this:

With Rue My Heart is Laden

*For golden friends I had,
For many a rose-lipt maiden
And many a lightfoot lad.*

*By brooks too broad for leaping
The lightfoot boys are laid;
The rose-lipt girls are sleeping
In fields where roses fade.*

- AE Houseman

Using the the proper HTML5 basic document structure and the tags you have learned so far (<p>, <h1> ... </h6>) display the poem as written above on a web page. Don't forget to include the poem title and the author.

Remember, when submitting the work please use the following naming convention for your file:

HTMLAUTHORING_LastName_SectionNumber.html. So if your last name is Smith and your submitting section 8, you file name should be HTMLAUTHORING_Smith_8.html.

For this course go to <https://www.dropbox.com/request/RhW9kBDXtisq2Fsvg3hY> to submit your assignments.