



HTML5 Specialist Designation Program

Lab Exercise #2

Now that you know more about formatting text with HTML5, let's practice some of those skills.

Lab Instructions

- 1) Run your Brackets development environment.
- 2) With Brackets running, choose File → New to open a new document. You should see the cursor flashing on the first line.
- 3) Immediately save your document using File → Save from the drop-down menus. Navigate to a folder where you'd like to save your lab exercise. Save your lab under the file name **lab_2.html**.

Saving your lab at this point will allow you to take advantage of the syntax highlighting features available in brackets.

- 4) First you will need to key in the basic document structure. Be careful to key in the HTML5 code below exactly as it appears.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Lab #2</title>
  </head>
  <body>

  </body>
</html>
```

We're using **Lab #2** as the content for the title tag in this case.

- 5) Inside the body let's create the following headings.

```
<h1>Resume for Mark Lassoff</h1>
<h2>Professional Experience</h2>
<h2>Education</h2>
<h2>Activities and Awards</h2>
```

Please substitute your own name for Mark's in the `<h1>` element. As you can see, we're going to create a well-formatted HTML5 resume document.

- 6) Under each of the categories please create appropriate subheadings using `<h3>` tags. Here's an example of how the "Professional Experience" section might look:

```
<h2>Professional Experience</h2>
  <h3>President, LearnToProgram Media</h3>
  <h3>Contract Technical Trainer</h3>
  <h3>Vice President, Network
  Logistic</h3>
  <h3>President, Power Plant
  Marketing</h3>
  <h3>Software Developer, Dell
  Computers</h3>
```

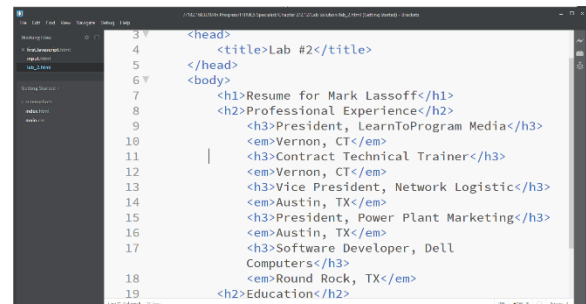
Create subheadings for each of the sections.

- 7) Under each of your `<h3>` headings, let's put the location of that entry. We'll use the ``phasis tag so that each entry will appear in italics (according the browser's default style sheet). For example:

```
<h2>Professional Experience</h2>
  <h3>President, LearnToProgram Media</h3>
  <em>Vernon, CT</em>
  <h3>Contract Technical Trainer</h3>
  <em>Vernon, CT</em>
  <h3>Vice President, Network
  Logistic</h3>
  <em>Austin, TX</em>
  <h3>President, Power Plant
  Marketing</h3>
  <em>Austin, TX</em>
  <h3>Software Developer, Dell
  Computers</h3>
  <em>Round Rock, TX</em>
```

Again, make sure that you complete all sections of your resume document.

- 8) Now would be a good time to save your document by clicking File and Save in Brackets.



9) Check your progress so far by loading your HTML5 file in to your browser. Verify that everything appears as expected. If anything appears to be in error, go back to your code and correct any mistakes that you made.

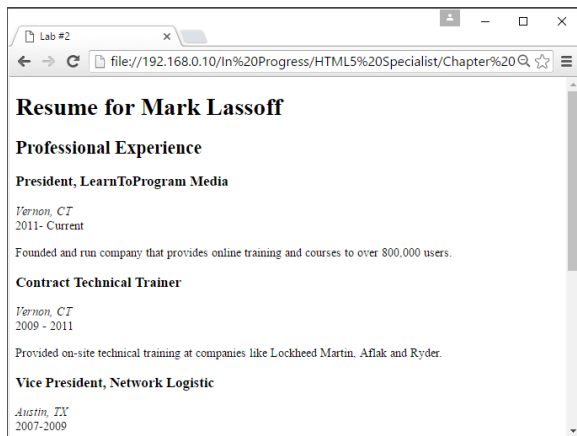
10) Let's move back to your code in the Brackets environment. Using appropriate text mark-up add the following details to each entry in your resume:

- Applicable Dates
- Brief description of each entry

You may format these elements in any way that makes sense to you.

11) Once again save your document and check the result in your web browser. If anything appears amiss review your code for errors and make corrections.

12) At this point review how the document is formatted and make any changes you wish to improve the appearance and readability of the document. Your document may appear similar to the following screen shot:



Here's a portion of the final code from the sample...

```
<body>
  <h1>Resume for Mark Lassoff</h1>
  <h2>Professional Experience</h2>
  <h3>President, LearnToProgram
Media</h3>
  <p><em>Vernon, CT</em><br/>
2011- Current</p>
  <p>Founded and run company that
provides online training and courses to
over 800,000 users.</p>
  <h3>Contract Technical Trainer</h3>
```

```
<p><em>Vernon, CT</em><br/>
2009 - 2011</p>
<p>Provided on-site technical training
at companies like Lockheed Martin, Aflak
and Ryder.</p>
<h3>Vice President, Network
Logistic</h3>
<p><em>Austin, TX</em><br/>
2007-2009</p>
<p>Ran the web and application
development team which grew from 2 - 12
employees during my tenure.</p>
<h3>President, Power Plant
Marketing</h3>
<p><em>Austin, TX</em><br/>
2005-2007</p>
<p>Founded and ran company that
provides online marketing services to
REALTORS(tm) and Developers.</p>
<h3>Software Developer, Dell
Computers</h3>
<p><em>Round Rock, TX</em><br/>
2002-2004</p>
<p>Worked on the sales software support
team. Served as team lead.</p>
```

Challenge Yourself

Enhance your skills by attempting the exercises below.

1) Expand your resume by adding more information to it. You can add information about volunteer experiences, certifications or anything else that comes to mind.

2) Put your page on the web. We've arranged a special deal with Blue Host. Visit <http://www.bluehost.com/track/learntoprogram/> and click "Get Stated Now." You will be able to access web hosting plans as low as \$3.49 a month. Once Blue Host takes you through the process of creating your domain and web server upload your lab and post the URL for the others in the class to see.