

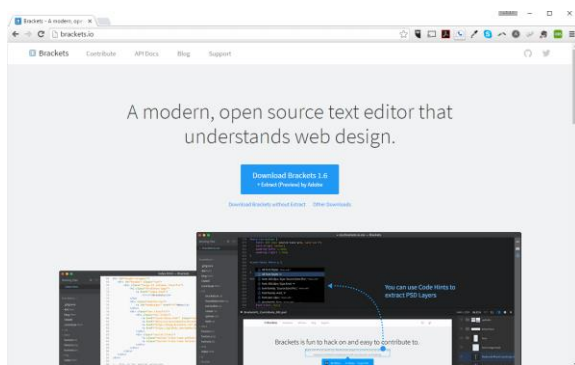
HTML5 Specialist Designation Program

Lab Exercise #1

The purpose of the included lab exercises is to assist you in applying and retaining the information in the video lecture. These lab exercises are a very important facet of your learning. You can't learn to ride a bicycle by watching an instructor talk about it. You have to physically get on the bike and ride!

Lab Instructions

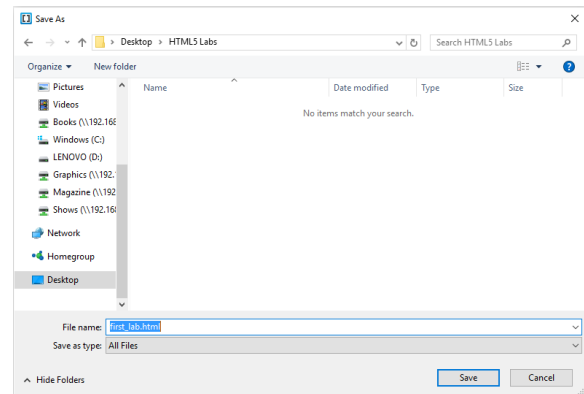
1) If you haven't yet downloaded Brackets do so now from **www.brackets.io**.



Once you've downloaded and installed the software start it up.

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 **first_lab.html**.



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

4) We're going to create a very basic web page and display it in the web browser. 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 #1</title>
  </head>
  <body>

  </body>
</html>
```

We're using **Lab #1** as the content for the title tag in this case.

5) In the body of the document add a heading 1 tag with the content "Lab Exercise #1." Your code should look like this:

```
<h1>Lab Exercise #1</h1>
```

6) Now we're going to add a few things about you to the web page. Using a paragraph tag, placed after the previous <h1> tag, add your name and location to the page. Your code should look something like this:

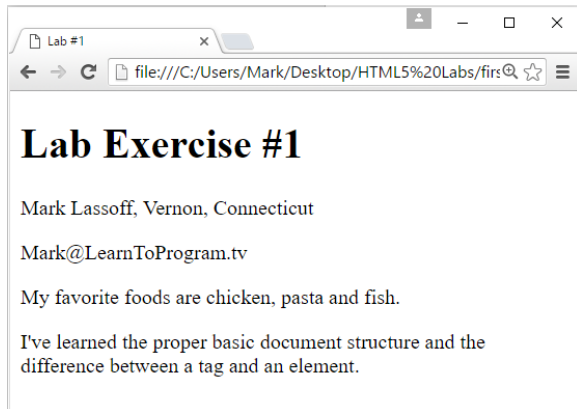
```
<p>Mark Lassoff, Vernon, Connecticut</p>
```

7) Using additional paragraph tags, place the following pieces of information on the page:

- Your email address
- Your favorite foods
- Two things you've learned about HTML5

When you're done your page should have four `<p>` tags and the single heading tag.

8) Click File → Save to save the current version of your document. Navigate to the document using your operating system and double click it. The document should open in your default browser. In the browser the document should look similar to this:



The complete code listing should appear similar to this:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Lab #1</title>
  </head>
  <body>
    <h1>Lab Exercise #1</h1>
    <p>Mark Lassoﬀ, Vernon,
Connecticut</p>
    <p>Mark@LearnToProgram.tv</p>
    <p>My favorite foods are chicken,
pasta and fish.</p>
    <p>I've learned the proper basic
document structure and the difference
between a tag and an element.</p>
  </body>
</html>
```

Challenge Yourself

Enhance your skills by attempting the exercises below.

1) Add new content to your page. Create an H1 tag with the content "Places I'd like to visit." Under the H1 tag, create a list of places you'd like to visit.

2) Put your site 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.