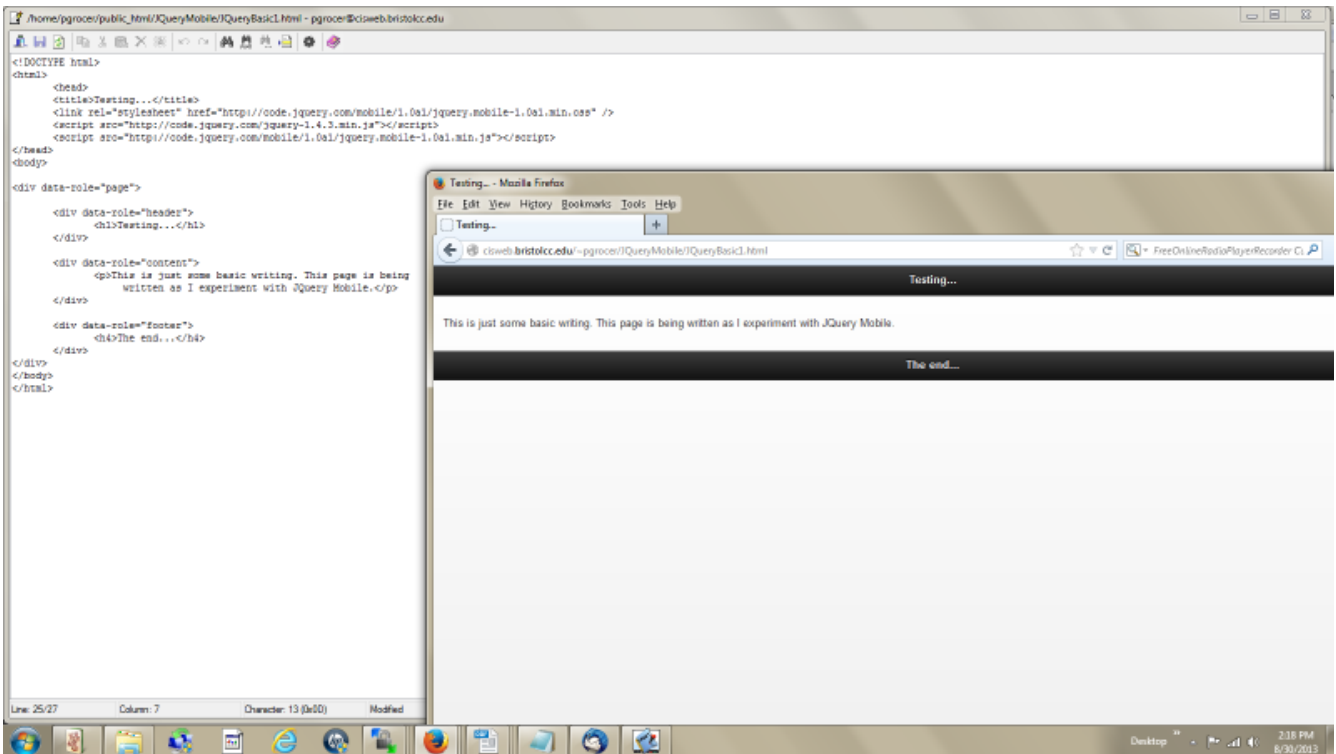


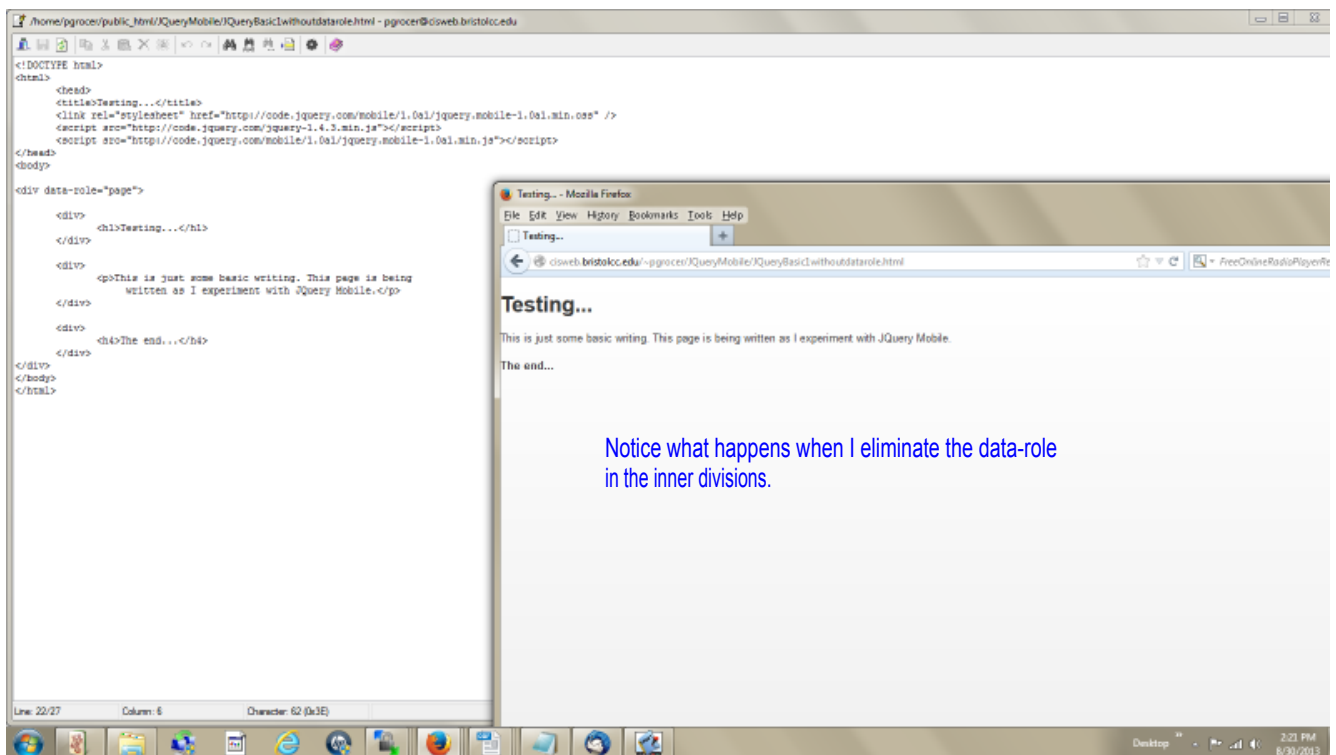
JQuery Mobile is a JavaScript library and a framework for developing mobile applications that work on a wide variety of devices.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Testing...</title>
    <link rel="stylesheet" href="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.css" />
    <script src="http://code.jquery.com/jquery-1.4.3.min.js"></script>
    <script src="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.js"></script>
  </head>
  <body>
    <div data-role="page">
      <div data-role="header">
        <h1>Testing...</h1>
      </div>
      <div data-role="content">
        <p>This is just some basic writing. This page is being
          written as I experiment with JQuery Mobile.</p>
      </div>
      <div data-role="footer">
        <h4>The end...</h4>
      </div>
    </div>
  </body>
</html>
```

The information in the head sets up the page to use CDN-hosted versions. You link to the stylesheet and the JQuery libraries that set up JQuery Mobile for use.

Note that we are using standard HTML5 including the doctype, the head and the body tags. The div tag has a series of data-role attributes such as page and within page header, content and footer.

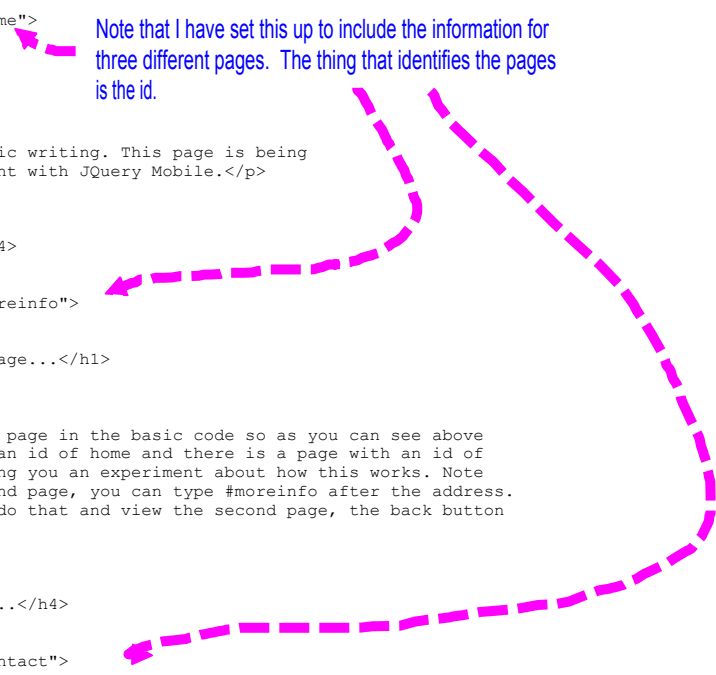


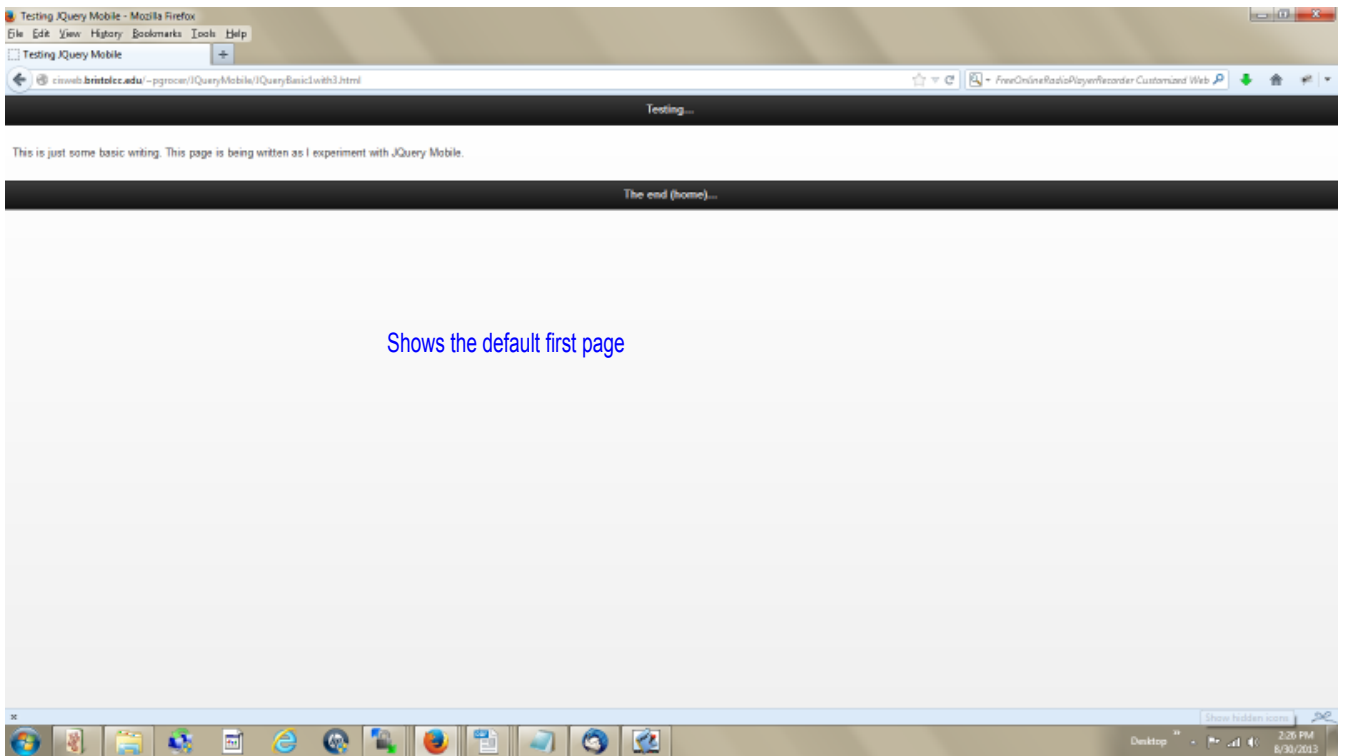


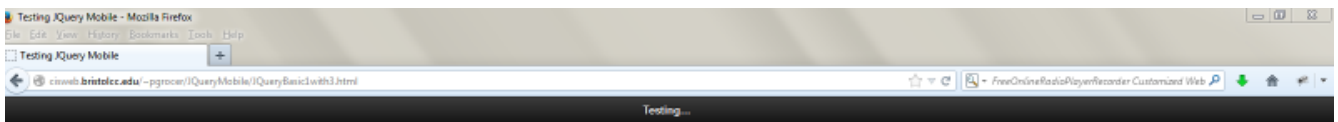
JQueryBasic1with3.html

```
<!DOCTYPE html><html>
<head>
  <title>Testing JQuery Mobile</title>
  <link rel="stylesheet" href="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.css" />
  <script src="http://code.jquery.com/jquery-1.4.3.min.js"></script>
  <script src="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.js"></script>
</head>
<body>
<body>
<div data-role="page" id="home">
  <div data-role="header">
    <h1>Testing...</h1>
  </div>
  <div data-role="content">
    <p>This is just some basic writing. This page is being
      written as I experiment with JQuery Mobile.</p>
  </div>
  <div data-role="footer">
    <h4>The end (home)...</h4>
  </div>
</div>
<div data-role="page" id="moreinfo">
  <div data-role="header">
    <h1>Testing the second page...</h1>
  </div>
  <div data-role="content">
    <p>I am putting a second page in the basic code so as you can see above
      there is a page with an id of home and there is a page with an id of
      moreinfo. I am showing you an experiment about how this works. Note
      that to see this second page, you can type #moreinfo after the address.
      Notice that when you do that and view the second page, the back button
      appears.</p>
  </div>
  <div data-role="footer">
    <h4>The end (moreinfo) ...</h4>
  </div>
</div>
<div data-role="page" id="contact">
  <div data-role="header">
    <h1>Testing the third page</h1>
  </div>
  <div data-role="content">
    <p>This is testing the third page in the basic code. This will
      show content so it will give the address of my web site which
      is www.pgrocer.net. Note that the page has an id of contact in
      this page. To see this page, you would enter #contact after
      the address of the page.</p>
  </div>
  <div data-role="footer">
    <h4>The end (contact)...</h4>
  </div>
</div>
</body>
</html>
```

Note that I have set this up to include the information for three different pages. The thing that identifies the pages is the id.







This is just some basic writing. This page is being written as I experiment with JQuery Mobile.



Note #moreinfo and #content to see the second and third pages.

```

<!DOCTYPE html><html>
<head>
  <title>Testing JQuery Mobile</title>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.css" />
  <script src="http://code.jquery.com/jquery-1.4.3.min.js"></script>
  <script src="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.js"></script>
</head>
<body>
<body>
<div data-role="page" id="home">
  <div data-role="header">
    <h1>Testing...</h1>
  </div>
  <div data-role="content">
    <p>This is just some basic writing. This page is being
    written as I experiment with JQuery Mobile.</p>
    <ul data-role="listview" data-inset="true">
      <li><a href="#moreinfo">More Information</a></li>
      <li><a href="#contact">Contact</a></li>
    </ul>
  </div>
  <div data-role="footer">
    <h4>The end (home)...</h4>
  </div>
</div>
<div data-role="page" id="moreinfo">
  <div data-role="header">
    <h1>Testing the second page...</h1>
  </div>
  <div data-role="content">
    <p>I am putting a second page in the basic code so as you can see above,
    there is a page with an id of home and there is a page with an id of
    moreinfo. I am showing you an experiment about how this works. Note
    that to see this second page, you can type #moreinfo after the address
    Notice that when you do that and view the second page, a back button
    appears.</p>
  </div>
  <div data-role="footer">
    <h4>The end (moreinfo) ...</h4>
  </div>
</div>
<div data-role="page" id="contact">
  <div data-role="header">
    <h1>Testing the third page</h1>
  </div>
  <div data-role="content">
    <p>This is testing the third page in the basic code. This will
    show content so it will give the address of my web site which
    is www.pgrocer.net. Note that the page has an id of contact in
    this page. To see this page, you would enter #contact after
    the address of the page.</p>
  </div>
  <div data-role="footer">
    <h4>The end (contact)...</h4>
  </div>
</div>
</body>
</html>

```

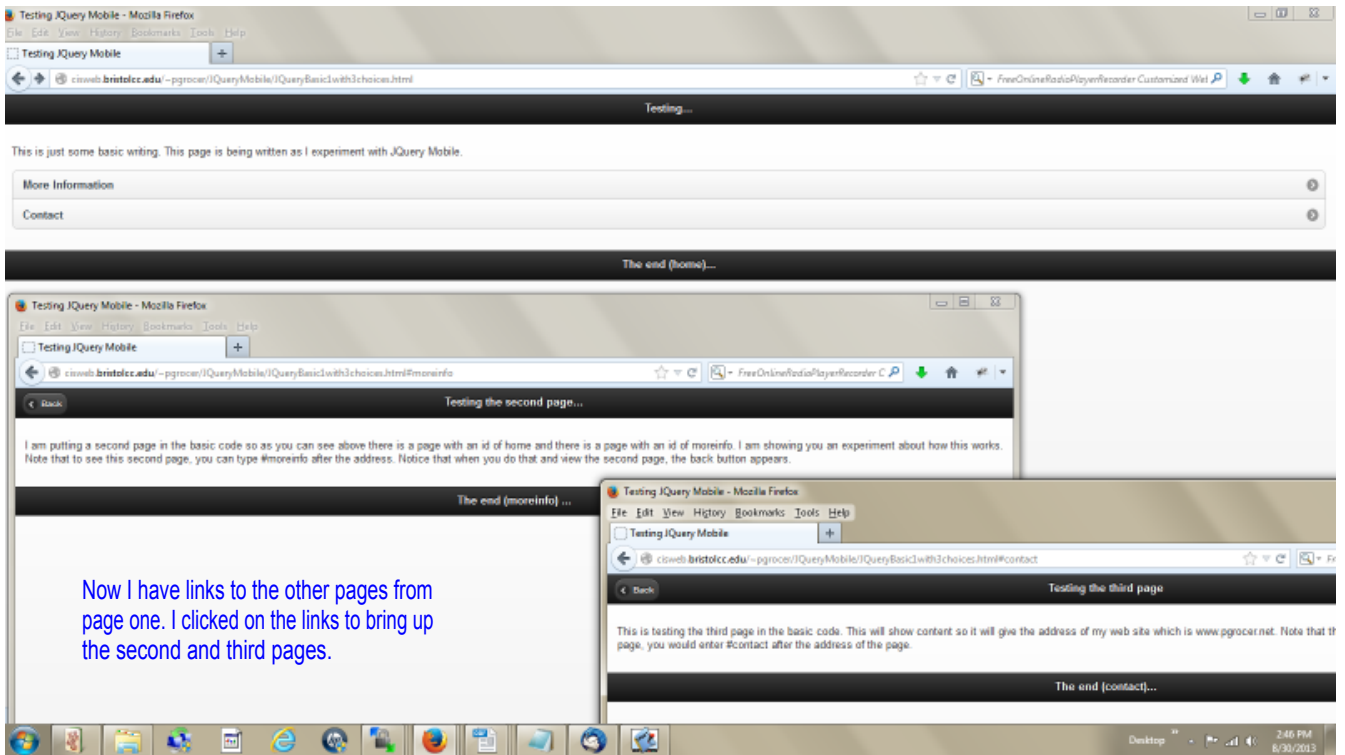
Insert the meta line for clarity.

This gives me the links to the second and third pages.

```

<!DOCTYPE html><html>
<head>
  <title>Testing JQuery Mobile</title>
<!DOCTYPE html><html>
<head>
  <title>Testing JQuery Mobile</title>
  <meta name="viewport" content="width=device-width,
  initial-scale=1">
  <link rel="stylesheet"
  href="http://code.jquery.com/mobile/1.0a1/jquery.mobil
  e-1.0a1.min.css" />
  <script src="http://code.jquery.com/jquery-
  1.4.3.min.js"></script>
  <script src="http://code.jquery.com/mobile/1.0a1/jquery.mobile
  -1.0a1.min.js"></script>
</head>
  <link rel="stylesheet"
  href="http://code.jquery.com/mobile/1.0a1/jquery.mobil
  e-1.0a1.min.css" />
  <script src="http://code.jquery.com/jquery-
  1.4.3.min.js"></script>
  <script
  src="http://code.jquery.com/mobile/1.0a1/jquery.mobile
  -1.0a1.min.js"></script>
</head>

```



The image shows a Notepad window with HTML code and a Firefox browser window displaying the rendered page. The code uses data-roles and data-themes to structure the page.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Testing...</title>
    <link rel="stylesheet" href="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.css" />
    <script src="http://code.jquery.com/jquery-1.4.3.min.js"></script>
    <script src="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.js"></script>
  </head>
  <body>
    <div data-role="page">
      <div data-role="header" data-theme="b">
        <h1>Testing...</h1>
      </div>
      <div data-role="content" data-theme="e">
        <p>This is just some basic writing. This page is being
        written as I experiment with JQuery Mobile.</p>
      </div>
      <div data-role="footer" data-theme="d">
        <h4>The end...</h4>
      </div>
    </div>
  </body>
</html>
```

Note the use of data-theme to change the look.
Experiment with a, b, c, d and e for your data-theme.


The rendered page in Firefox shows a blue header bar with the text "Testing...", a yellow content area with the paragraph "This is just some basic writing. This page is being written as I experiment with JQuery Mobile.", and a grey footer bar with the text "The end...".

```
<!DOCTYPE html>
<html>
<head>
<title>Testing...</title>
<link rel="stylesheet" href="http://code.jquery.com/mobile/1.0.0/jquery.mobile-1.0.0.min.css" />
<script src="http://code.jquery.com/jquery-1.4.3.min.js"></script>
<script src="http://code.jquery.com/mobile/1.0.0/jquery.mobile-1.0.0.min.js"></script>
</head>
<body>
<div data-role="page">
<div data-role="header" data-theme="b">
<h1>Testing...</h1>
</div>
<div data-role="content" data-theme="a">
<h2>Links at BCC</h2>
<a href="http://www.bristolcc.edu" data-role="button" data-theme="e">BCC</a>
<a href="http://www.pgproce.net" data-role="button" data-theme="b">Grocer</a>
</div>
<div data-role="footer" data-theme="d">
<h3>The end...</h3>
</div>
</div>
</body>
</html>
```

This uses data-role of button.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Testing...</title>
    <link rel="stylesheet" href="http://code.jquery.com/mobile/1.0.1/jquery.mobile-1.0.1.min.css" />
    <script src="http://code.jquery.com/jquery-1.4.3.min.js"></script>
    <script src="http://code.jquery.com/mobile/1.0.1/jquery.mobile-1.0.1.min.js"></script>
  </head>
  <body>
    <div data-role="page">
      <div data-role="header" data-theme="e">
        <h1>Rel Link Fix</h1>
      </div>
      <div data-role="content" data-theme="a">
        <a href="http://www.bristolcc.edu" rel="external" data-role="button" data-theme="e">BCC</a>
        <a href="http://www.pgrocer.net" rel="external" data-role="button" data-theme="b">Grocer</a>
      </div>
      <div data-role="footer" data-theme="d">
        <p>The end...</p>
      </div>
    </div>
  </body>
</html>
```

It is recommended you use rel="external" for external pages.



```
<!DOCTYPE html>
<html>
  <head>
    <title>Testing...</title>
    <link rel="stylesheet" href="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.css" />
    <script src="http://code.jquery.com/jquery-1.4.3.min.js"></script>
    <script src="http://code.jquery.com/mobile/1.0a1/jquery.mobile-1.0a1.min.js"></script>
  </head>
  <body>
    <div data-role="page">
      <div data-role="header">
        <h1>Testing...</h1>
      </div>
      <div data-role="content">
        <div id="banner">
          <h2>Experiment!</h2>
        </div>
        <p>This is just some basic writing. This page is being written as I experiment with JQuery Mobile.</p>
        <p>Now I will talk about a CIS option: Webmaster which is really Web Developer.</p>
        <ul data-role="listview" data-inset="true">
          <li><a href="signup.html">Sign Up</a></li>
          <li><a href="courseinfo.html">Course Information</a></li>
          <li><a href="sched.html">Schedule</a></li>
        </ul>
      </div>
      <div data-role="footer">
        <p>The end...</p>
      </div>
    </div>
  </body>
</html>
```

See pages you are linking to on follow up Smartboard pages.

Testing... - Mozilla Firefox

Testing...

Experiment!

This is just some basic writing. This page is being written as I experiment with JQuery Mobile.

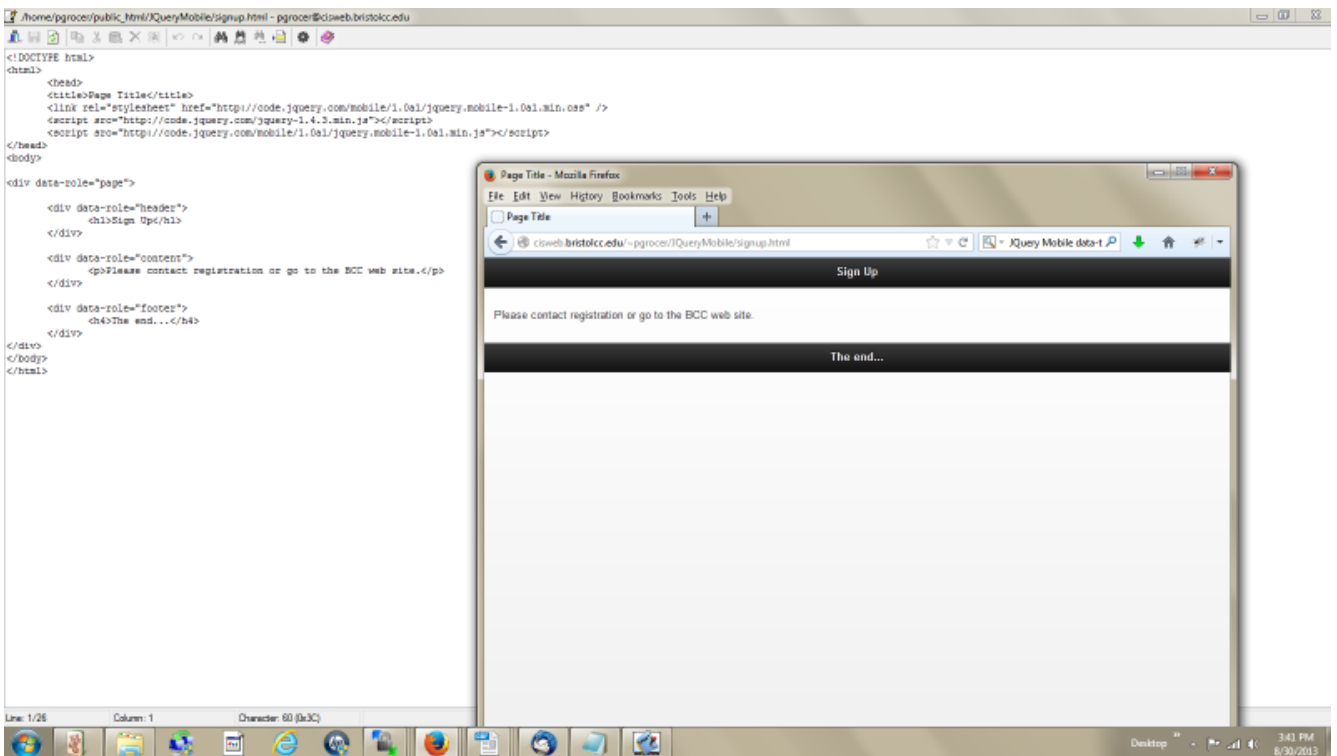
Now I will talk about a CIS option: Webmaster which is really Web Developer.

- Sign Up
- Course Information
- Schedule

The end...

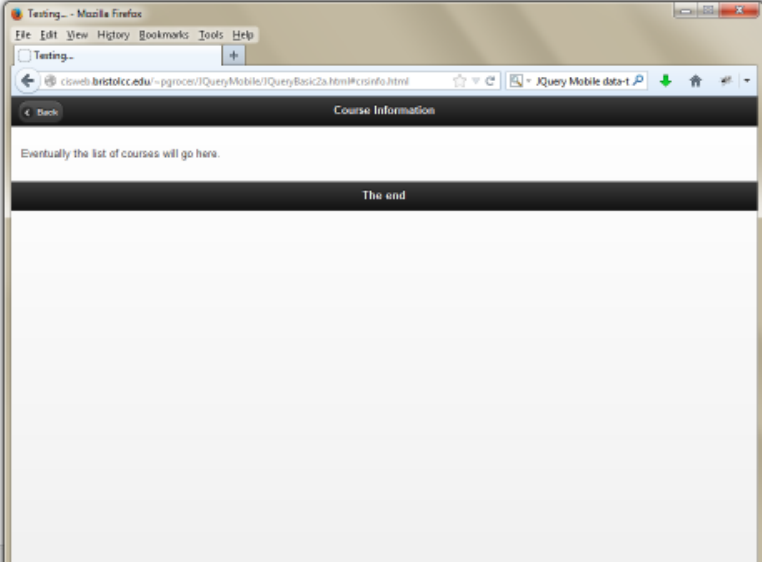
Line: 1/39 Column: 1 Character: 60 (a3C)

Desktop 3:30 PM 8/30/2013

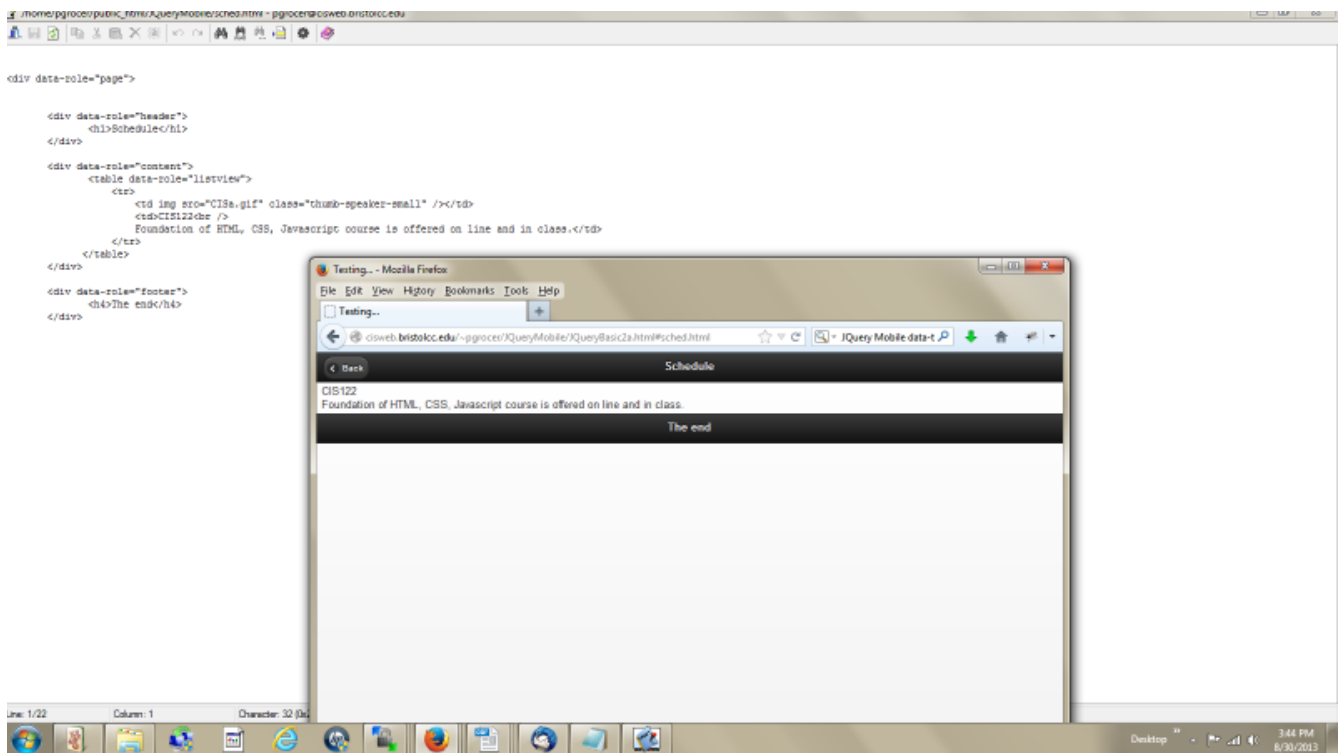


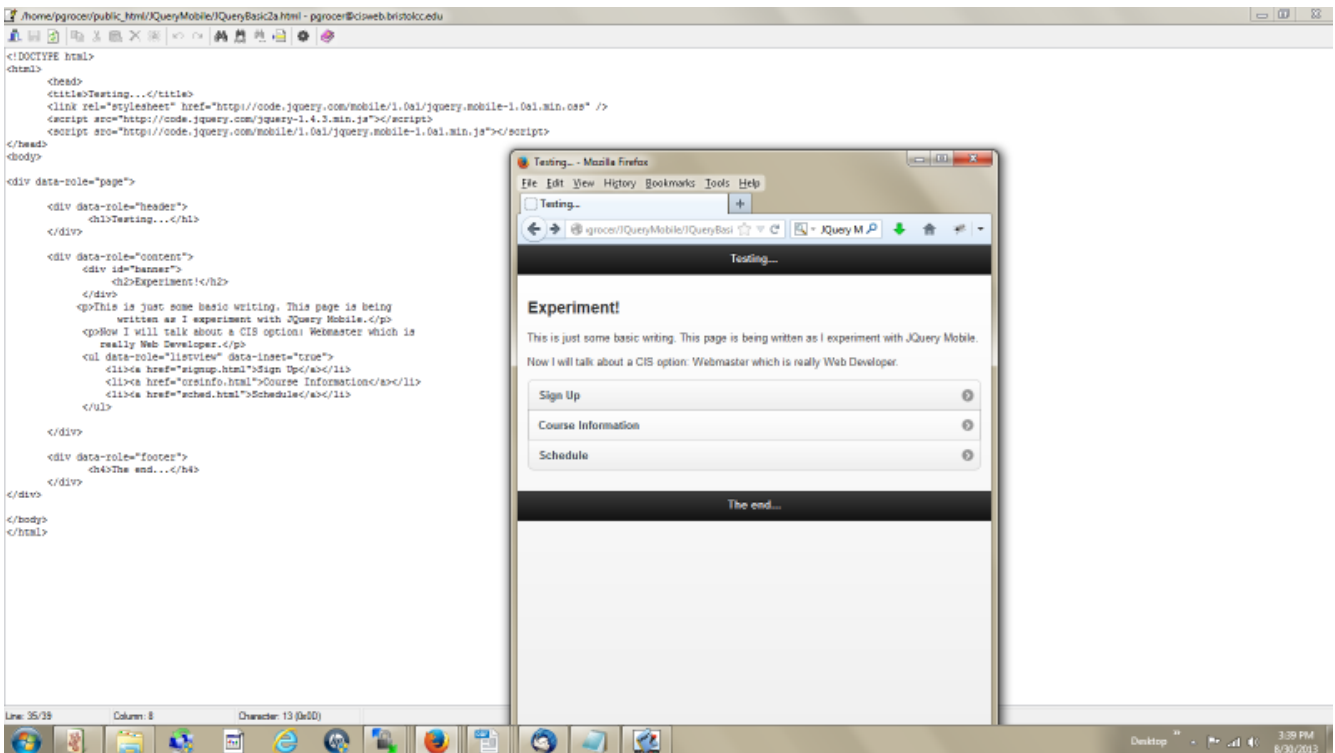
```
<div data-role="page">
  <div data-role="header">
    <h1>Course Information</h1>
  </div>
  <div data-role="content">
    <p>Eventually the list of courses will go here.</p>
  </div>
  <div data-role="footer">
    <p>The end</p>
  </div>
</div>
```

Note just the division is shown here.



The screenshot shows a mobile browser window titled 'Testing... - Mozilla Firefox'. The address bar shows the URL 'cswb.bristolcc.edu/~pgroce/JQueryMobile/JQueryBasic2a.htm#csinfo.html'. The browser displays a mobile-optimized page with a dark header bar containing 'Course Information', a white content area with the text 'Eventually the list of courses will go here.', and a dark footer bar with 'The end'. The browser interface includes a back button, a search bar, and standard mobile navigation icons.





The image shows a dual-pane view. The left pane is a code editor displaying HTML and CSS code. The right pane is a browser window showing the rendered output of that code. A blue text annotation is placed over the code editor.

Code Editor Content:

```
<!DOCTYPE html>
<html>
<head>
  <title>Default HTML markup styling</title>
  <link rel="stylesheet" href="http://code.jquery.com/mobile/1.0a2/jquery.mobile-1.0a2.min.css" />
  <script src="http://code.jquery.com/jquery-1.4.3.min.js"></script>
  <script src="http://code.jquery.com/mobile/1.0a2/jquery.mobile-1.0a2.min.js"></script>
  <style type="text/css">
    .emphsize
    {
      font-weight: bold;
      font-style: italic;
      color: blue;
    }
    div
    {
      color: green;
    }
    h1, h3, h5
    {
      color: orange;
    }
  </style>
</head>
<body>
  <div data-role="page" id="home">
    <div data-role="content">
      <h1>H1 CIS Dept</h1>
      <h2>H2 CIS Dept</h2>
      <h3>H3 CIS Dept</h3>
      <h4>H4 CIS Dept</h4>
      <h5>H5 CIS Dept</h5>
      <h6>H6 CIS Dept</h6>

      <p class="emphsize">This is a paragraph that will show up in bold and italics and blue because of the CSS style in the header.</p>

      <div> This is a division with a cite. "Congratulations on your decision to enroll at Bristol Community College. You could not have made a better choice and I shall tell you why." Jack Sbraga
      </div>

      <p>This is a paragraph. <a href="http://www.flickr.com/photos/bristolcomm/sets/72157626912708888/">8reduation</a></p>
    </div>
  </div>
</body>
</html>
```

Browser Window Content:

Default HTML markup styling - Mozilla Firefox

H1 CIS Dept

H2 CIS Dept

H3 CIS Dept

H4 CIS Dept

H5 CIS Dept

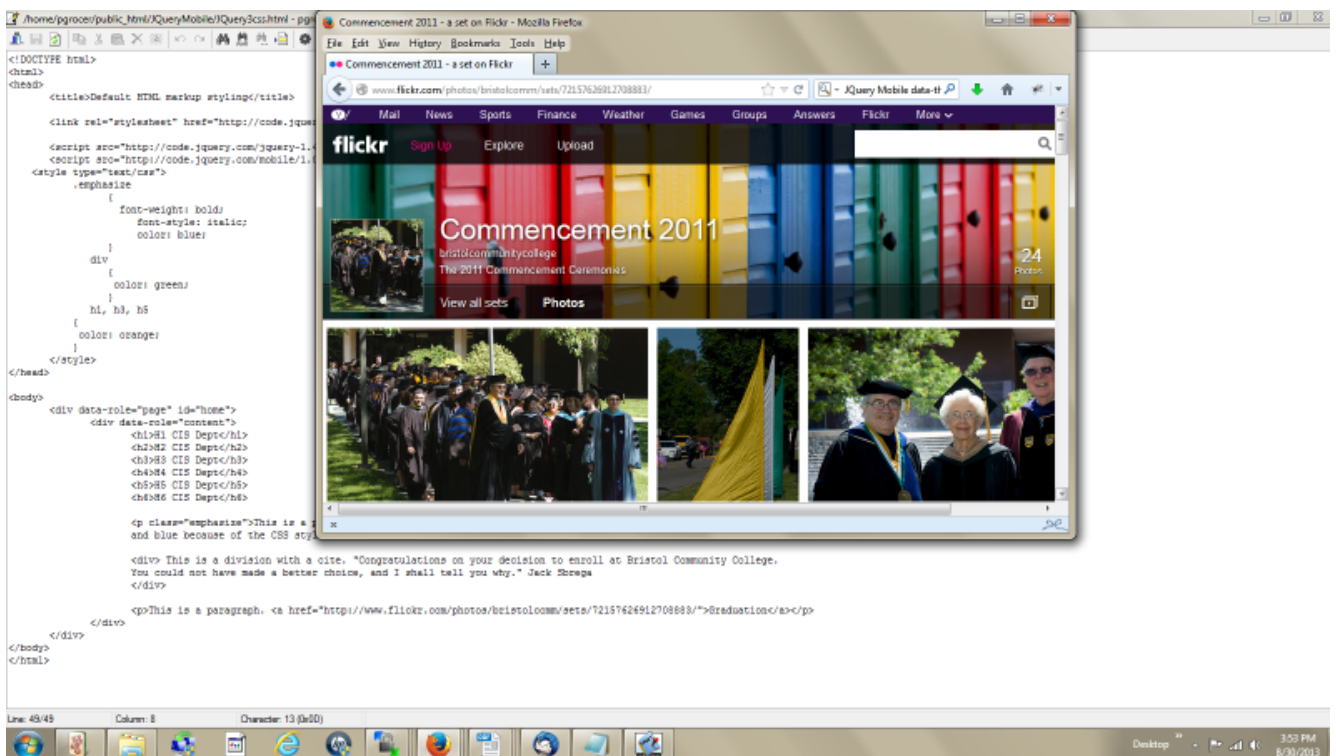
H6 CIS Dept

This is a paragraph that will show up in bold and italics and blue because of the CSS style in the header.

This is a division with a cite. "Congratulations on your decision to enroll at Bristol Community College. You could not have made a better choice and I shall tell you why." Jack Sbraga

This is a paragraph. [8reduation](http://www.flickr.com/photos/bristolcomm/sets/72157626912708888/)

Annotation: Now I am bringing style to the page and linking to an external image.



Note the table structure using scope.

```
<!DOCTYPE html>
<html>
<head>
  <title>Tables</title>
  <style type="text/css">
    div
    {
      color: green;
    }
    h1, h2
    {
      color: orange;
    }
  </style>
  <link rel="stylesheet" href="http://code.jquery.com/mobile/1.0a2/jquery.mobile-1.0a2.min.css" />
  <script src="http://code.jquery.com/jquery-1.4.3.min.js"></script>
  <script src="http://code.jquery.com/mobile/1.0a2/jquery.mobile-1.0a2.min.js"></script>
</head>
<body>
  <div data-role="page" id="home">
    <div data-role="content">
      <h1>Bristol Community College</h1>
      <h2>Computer Information Systems</h2>
      <table border="1">
        <thead>
          <tr>
            <th scope="row">Student</th>
            <th>Options</th>
            <th>GPA</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <th scope="row">Jane Smith</th>
            <td>Web</td>
            <td>3.5</td>
          </tr>
          <tr>
            <th scope="row">David Costa</th>
            <td>Networking</td>
            <td>3.4</td>
          </tr>
        </tbody>
      </table>
    </div>
  </body>
</html>
```

The image shows a desktop browser window displaying a web page with a table. The table has three columns: Student, Option, and GPA. The data rows are Jane Smith (Web, 3.5) and David Costa (Networking, 3.4). A smaller window shows the mobile view of the same page, where the table is displayed in a compact, mobile-optimized format. The text 'Note the table structure using scope.' is overlaid on the desktop view, pointing to the 'scope="row"' attribute in the table's header row.

Student	Option	GPA
Jane Smith	Web	3.5
David Costa	Networking	3.4