CHIROPRACTIC WEBSITE

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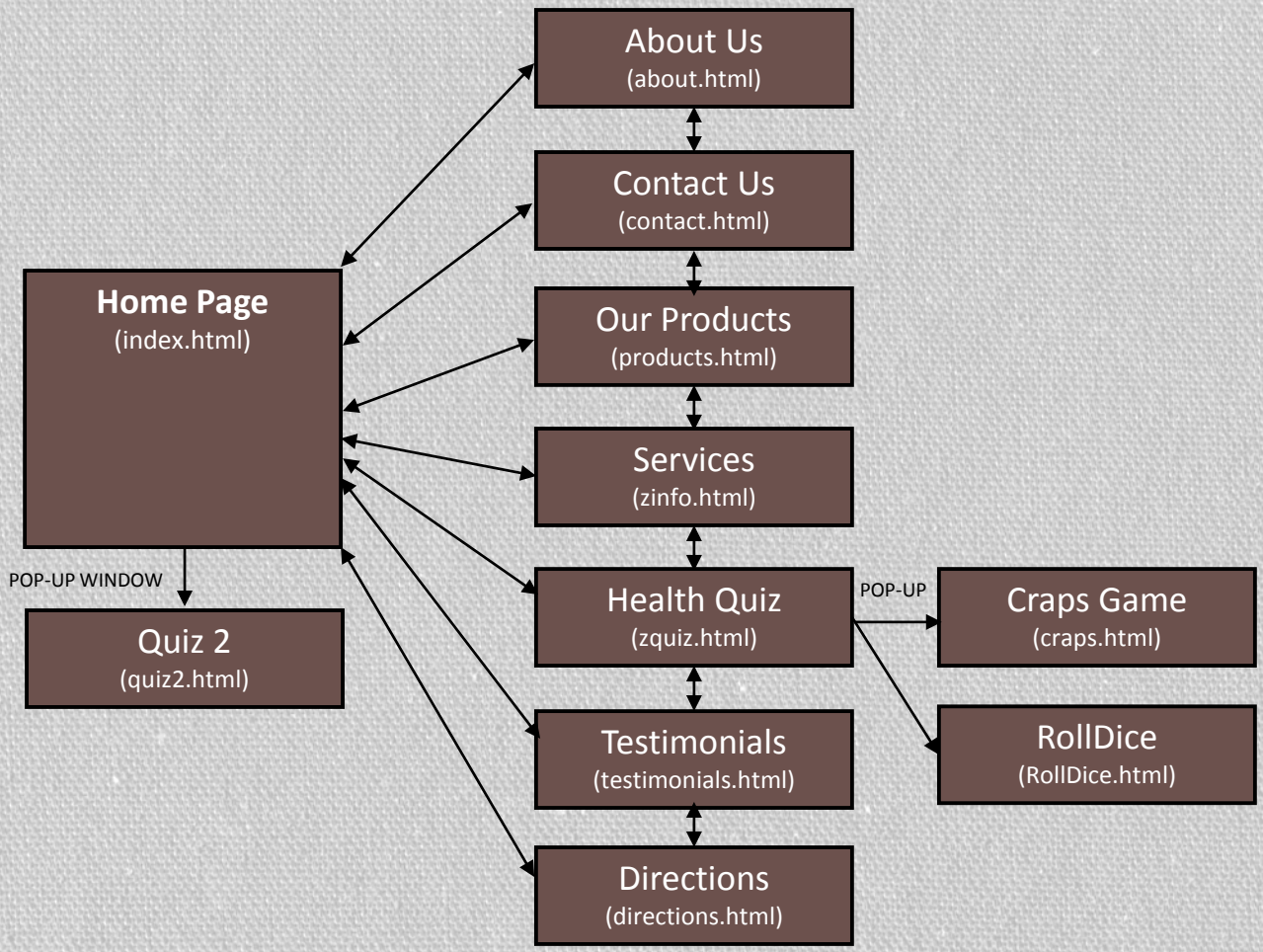
Spring 2013

Prof. Goetz | CS319

The Basics
(HTML5, CSS)

SiteMap

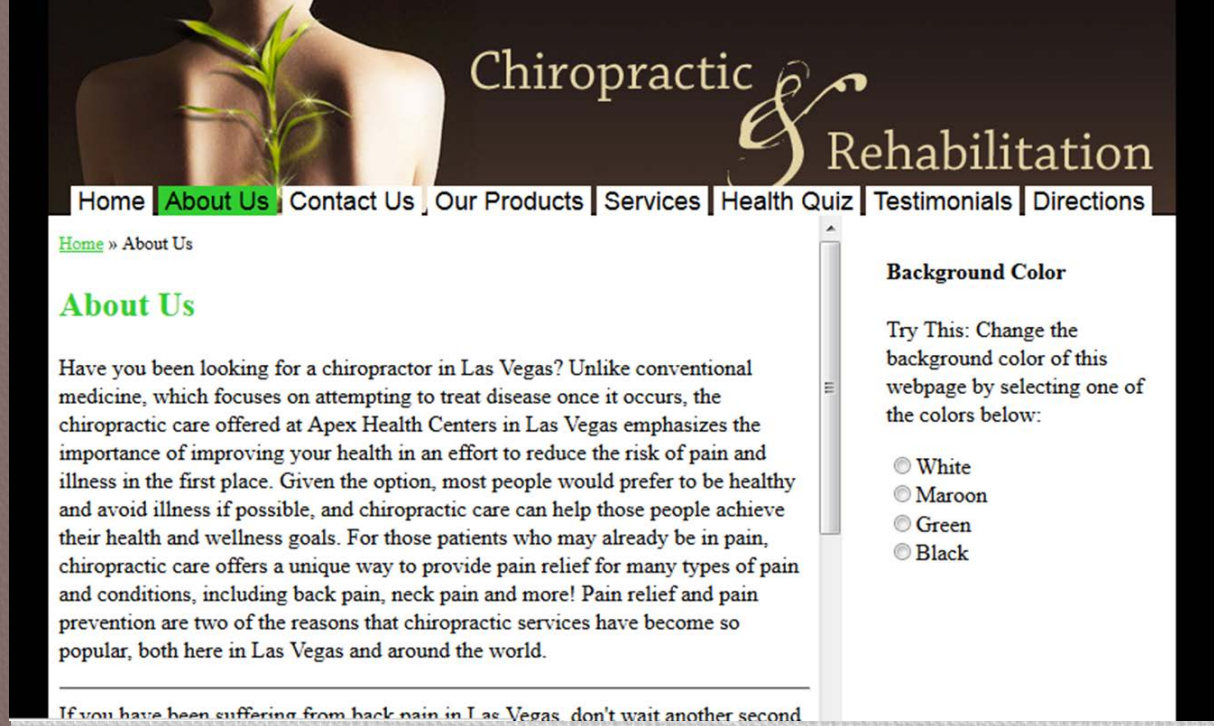
11 Web Pages



Add Wireframes and File Organization:

CSS

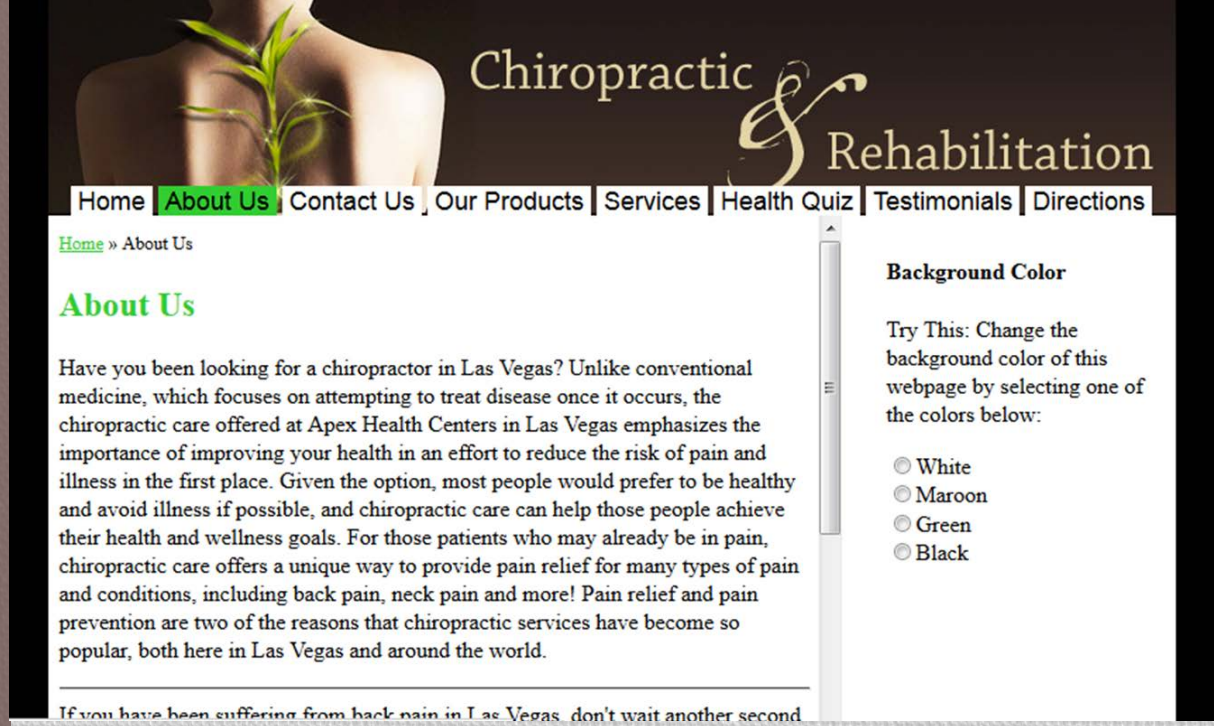
- External Style Sheet
  - Used to style all the **buttons**.
  - Used to style all **divisions**.
  - Used to style **body** and **heading** tags.




```
102 .button {     width:400px;
103               line-height:50px;
104               background-color:#FFF;
105               padding-left:5px;
106               padding-right:5px;
107               font-family: Arial, Helvetica, sans-serif;
108               font-size: 18px;
109               text-decoration:none;
110 }
111
112 a:link   { color:     #32CD32;     }
113 a:visited { color:    #32CD32;     }
114
115 a.button:link { color : #000; }
116 a.button:visited { color : #000; }
117 a.button:hover { background-color:   #32CD32; }
118
119 a.small:link     { font-size:small;   }
120
```

PAGE LAYOUT

- Design Technique
  - **Ice** Design
    - Page does not change size based on the size of the browser.
- **Hierarchical** Organization
  - All pages are sub-pages of the home page.
- Consistent Page Layout
  - **Same** design on every page
- **2-Column Page Layout**
- All content is above the fold.



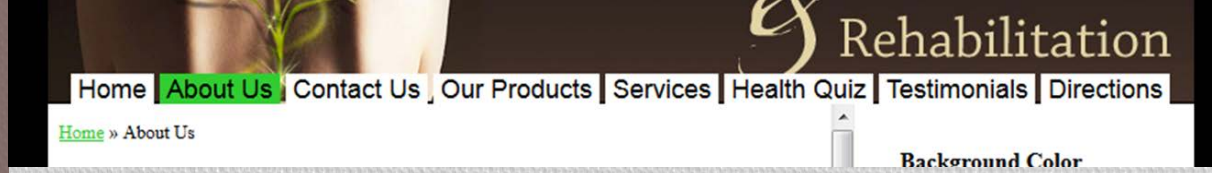
style_a.css

```
38
39  .main   {
40      width:550px;
41      height:400px;
42      float:left;
43      overflow:auto;
44      padding-top:8px;
45      padding-left:8px;
46      padding-right:5px;
47      padding-bottom:5px;
48      background-color:#FFF;
49      z-index:2;
50  }
```

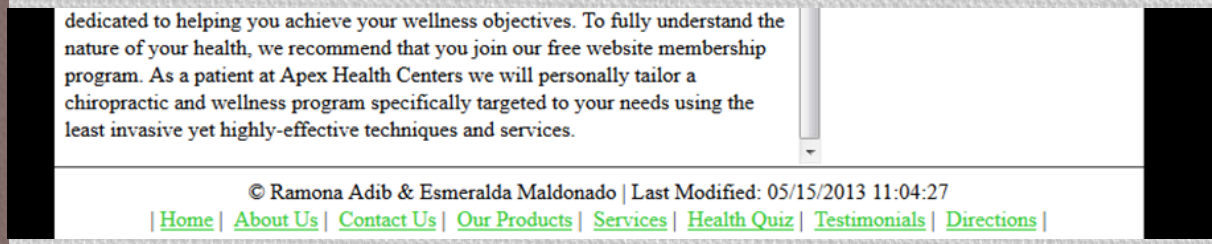
```
51
52  .right  {
53      width:200px;
54      height:400px;
55      padding-top:8px;
56      padding-left:5px;
57      padding-right:5px;
58      padding-bottom:5px;
59      float:right;
60      overflow:hidden;
61      background-color:#FFF;
62      z-index:2;
63  }
```

NAVIGATION

- CSS Buttons
  - Located at the **top** of every page
- **Text-based Buttons**
  - Located at the **button** of every page in the footer.
- **Consistent Navigation**
- **Breadcrumb Trails** included in the site.
- Easy to Get Around – **User Friendly**.




```
10    <div class="container">
11        <div class="header"><br /><br /><br /><br /><br /><br />
12            <a href="index.html" class="button">Home</a>
13            <a href="about.html" class="button">About Us</a>
14            <a href="contact.html" class="button">Contact Us</a>
15            <a href="products.html" class="button">Our Products</a>
16            <a href="zinfo.html" class="button">Services</a>
17            <a href="zquiz.html" class="button">Health Quiz</a>
18            <a href="testimonials.html" class="button">Testimonials</a>
19            <a href="directions.html" class="button">Directions</a>
20        </div>
```




```
40          </div>
41
42          <div class="footer">
43          &copy; Ramona Adib & Esmeralda Maldonado | Last Modified:
44
45          <script type="text/javascript">
46              <!--
47              var lastModified = document.lastModified;
48              document.writeln (lastModified);
49              -->
50          </script>
51
52          <br />
53            | <a href="index.html">Home</a> | 
54           <a href="about.html">About Us</a> | 
55           <a href="contact.html">Contact Us</a> | 
56           <a href="products.html">Our Products</a> | 
57           <a href="zinfo.html">Services</a> | 
58           <a href="zquiz.html">Health Quiz</a> | 
59           <a href="testimonials.html">Testimonials</a> | 
60           <a href="directions.html">Directions</a> | 
61          </div>
62      </div>
63  </body>
64  </html>
```

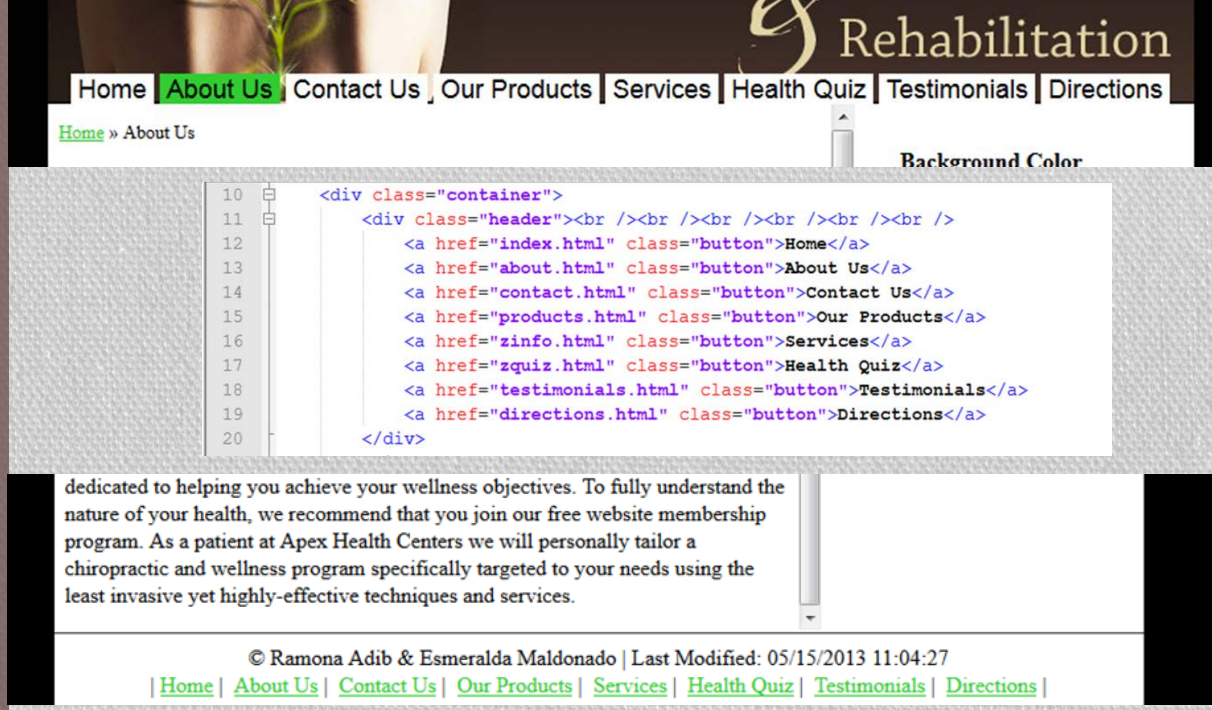
COLOR SCHEME & GRAPHICS

- Maximum of **three** colors
  - Black, Green, White.
- Text is easily **readable.**
  - Color and font is simple and consistent.
- All images have **<alt>** tags and have **small** file sizes.

CARP

PRINCIPLES OF VISUAL DESIGN

- **Contrast**
  - Dark text, light background.
- **Alignment**
  - Text is aligned to make reading content easier.
- **Repetition**
  - All pages have repetition of many elements (i.e. color, shape, font) throughout the site to make site more professional.
- **Proximity**
  - Text is aligned to make reading content easier.
  - Related items placed physically close together.




```
10  <div class="container">
11      <div class="header"><br /><br /><br /><br /><br /><br />
12          <a href="index.html" class="button">Home</a>
13          <a href="about.html" class="button">About Us</a>
14          <a href="contact.html" class="button">Contact Us</a>
15          <a href="products.html" class="button">Our Products</a>
16          <a href="zinfo.html" class="button">Services</a>
17          <a href="zquiz.html" class="button">Health Quiz</a>
18          <a href="testimonials.html" class="button">Testimonials</a>
19          <a href="directions.html" class="button">Directions</a>
20      </div>
```



```
40          </div>
41
42          <div class="footer">
43          &copy; Ramona Adib & Esmeralda Maldonado | Last Modified:
44
45          <script type="text/javascript">
46              <!--
47              var lastModified = document.lastModified;
48              document.writeln (lastModified);
49              -->
50          </script>
51
52          <br />
53            | <a href="index.html">Home</a> | 
54           <a href="about.html">About Us</a> | 
55           <a href="contact.html">Contact Us</a> | 
56           <a href="products.html">Our Products</a> | 
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60           <a href="directions.html">Directions</a> | 
61          </div>
62      </div>
63  </body>
64  </html>
```
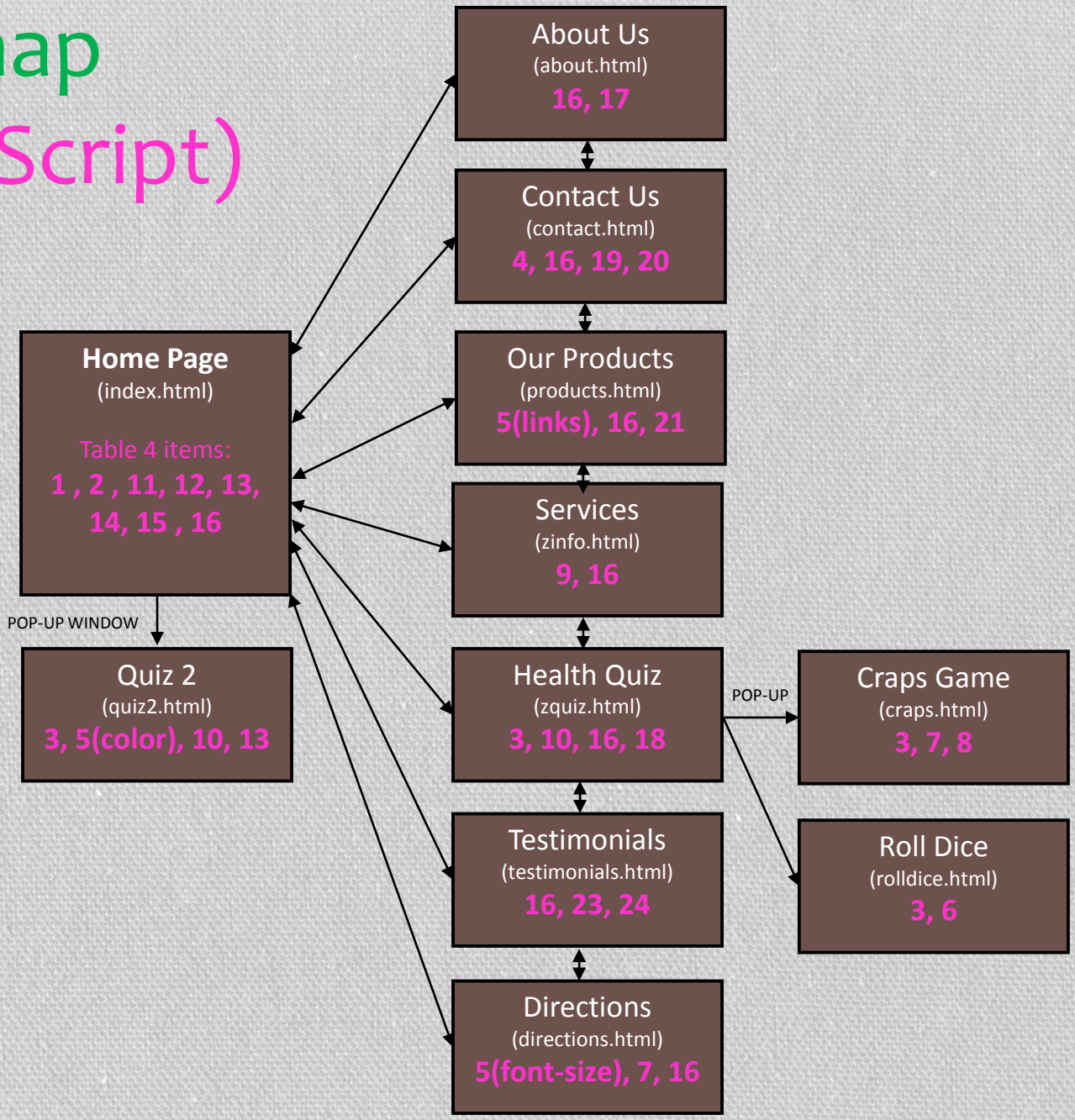

JavaScript

Sitemap (JavaScript)

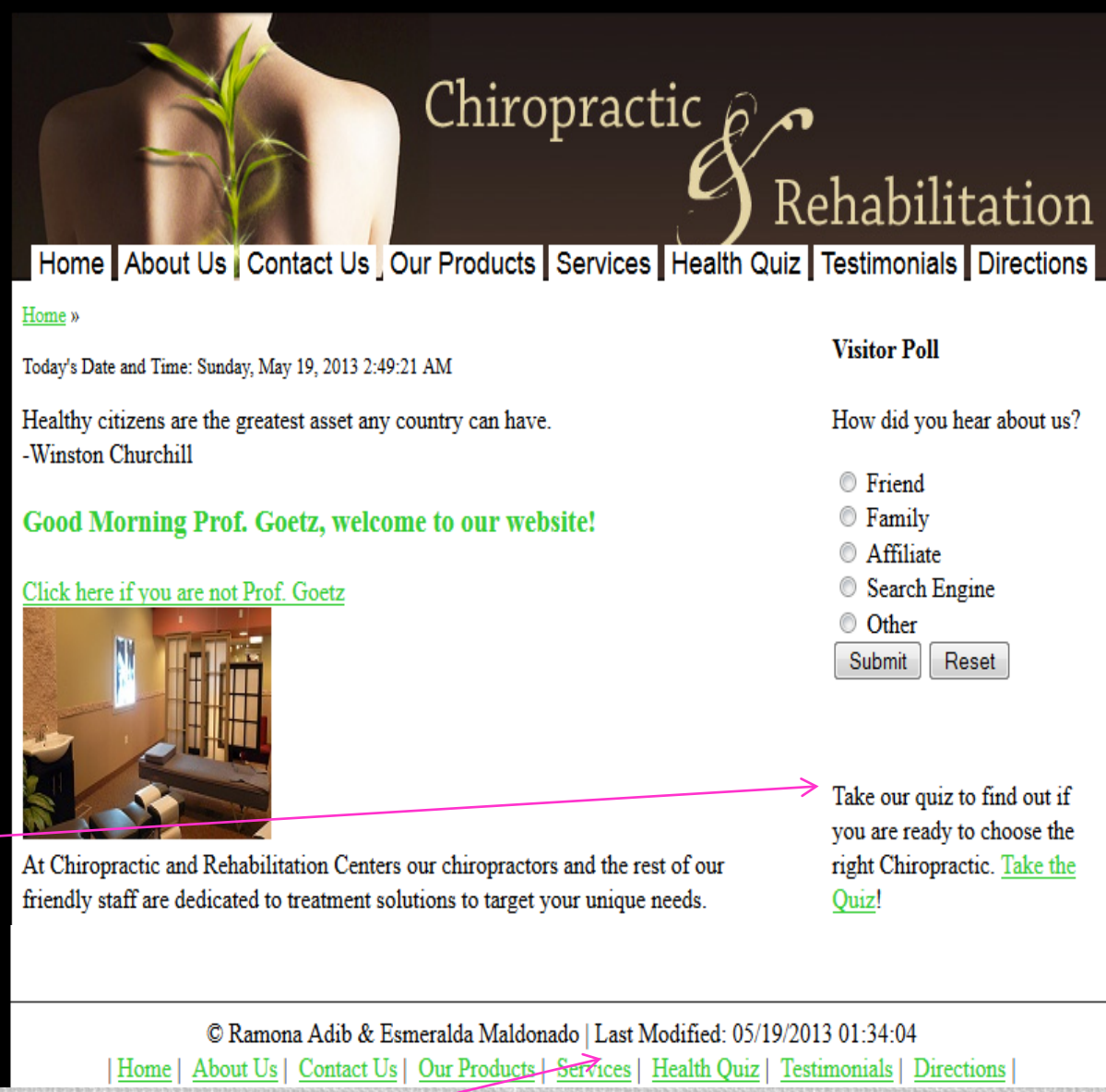


HOME PAGE

(index.html)

✓JavaScript Items

1. Prompt for the input
2. Produce an output
11. Refresh website programmatically
    Use function location.reload()
12. Personalized greeting (welcome) webpage display local time, a random image, a random quotation and a short quiz
13. Quiz in a new (child) window
14. JavaScript in the Head and in the Body
15. Setup the date, use now.toLacaleString();
16. When a document was last modified, use the document object's lastModified property
    Use modDate.toLoString()

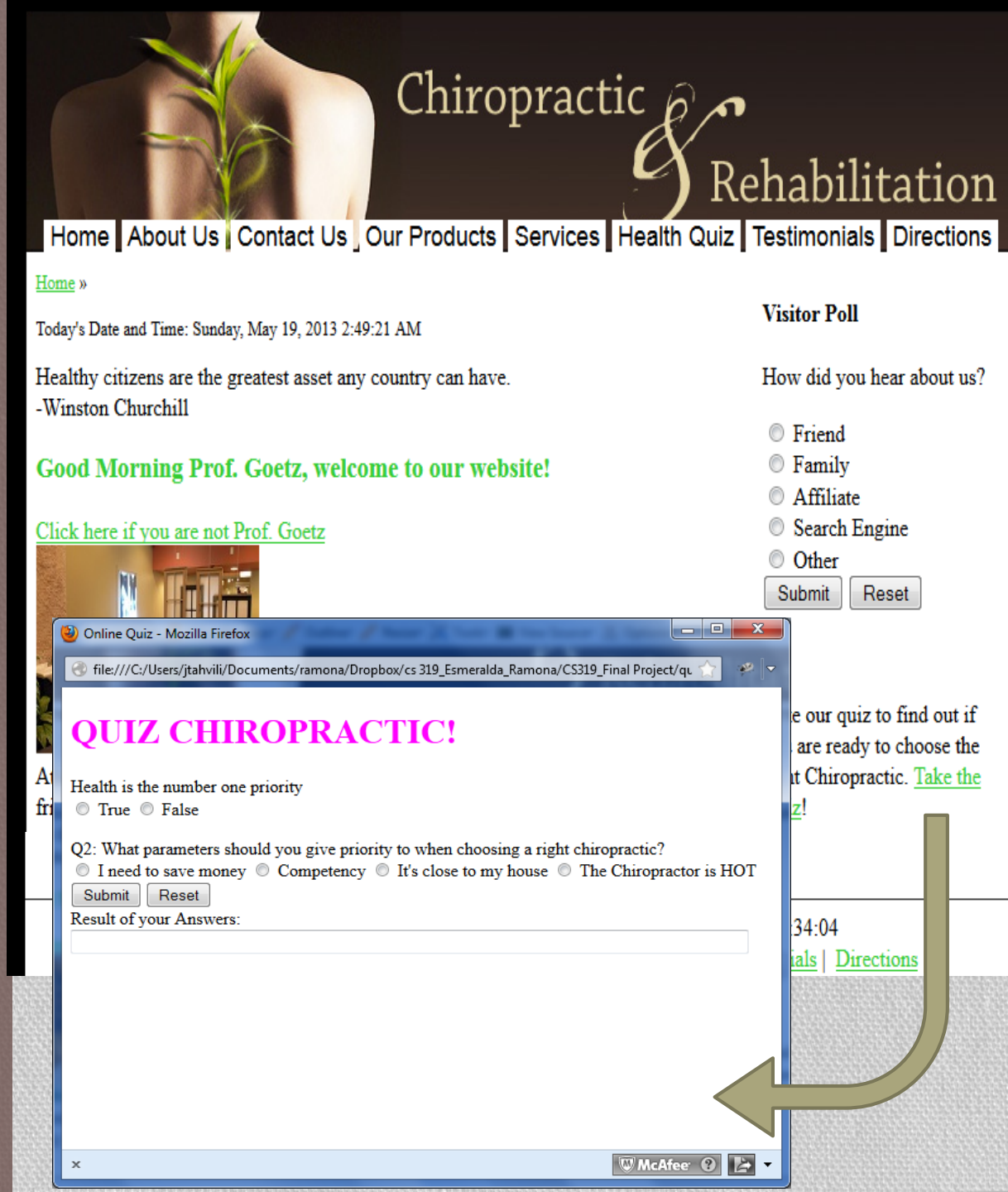


QUIZ2

(quiz2.html)

✓JavaScript Items

3. Produce an output in a, textarea, text, division and paragraph.
5. color - p.190 Fig.6.2 : document.write("<h1 style = \"color: magenta\">");
10. Quiz webpage
13. Quiz in a new (child) window



ABOUT US

(about.html)

✓JavaScript Items

16. When a document was last modified, use the document object's lastModified property Use modDate.toLoString()

17. to ask the user to enter the color of the background

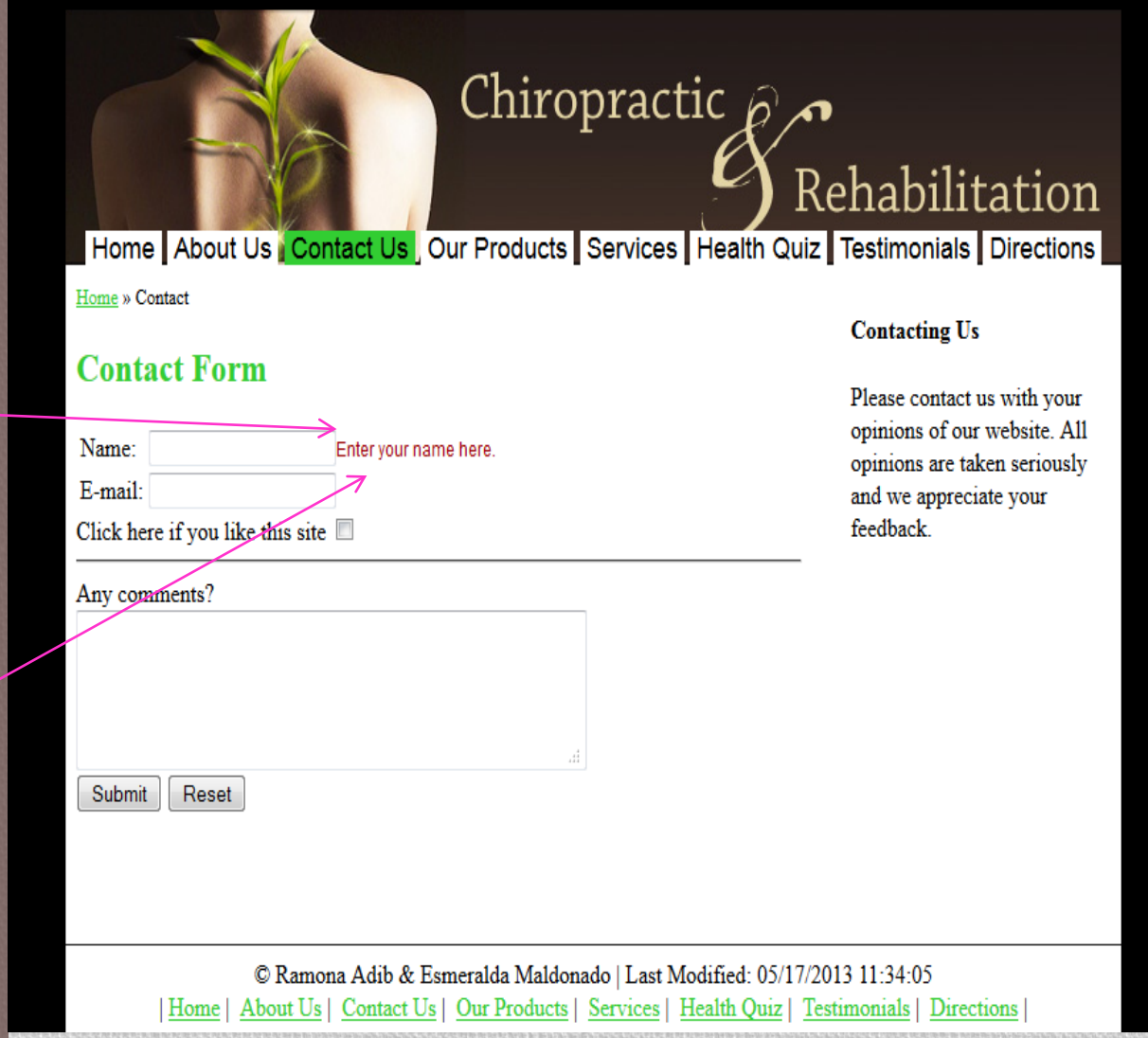
```
<!--TAB4 #17 ASK THE USER TO ENTER THE COLOR OF BACKGROUND-->
<form method="POST">
  <input type="radio" name="C1" value="white" onclick="document.bgColor='White'">White<br />
  <input type="radio" name="C1" value="brown" onclick="document.bgColor='Brown'">Maroon<br />
  <input type="radio" name="C1" value="green" onclick="document.bgColor='Green'">Green<br />
  <input type="radio" name="C1" value="black" onclick="document.bgColor='Black'">Black<br />
</form>
```

CONTACT US

(contact.html)

✓JavaScript Items

4. Produce an output in for each field in your form
16. When a document was last modified, use the document object's lastModified property
    Use modDate.toLoString()
19. Contact webpage:
    Form processing: Use tips next to the field
20. Forms validation function



OUR PRODUCTS

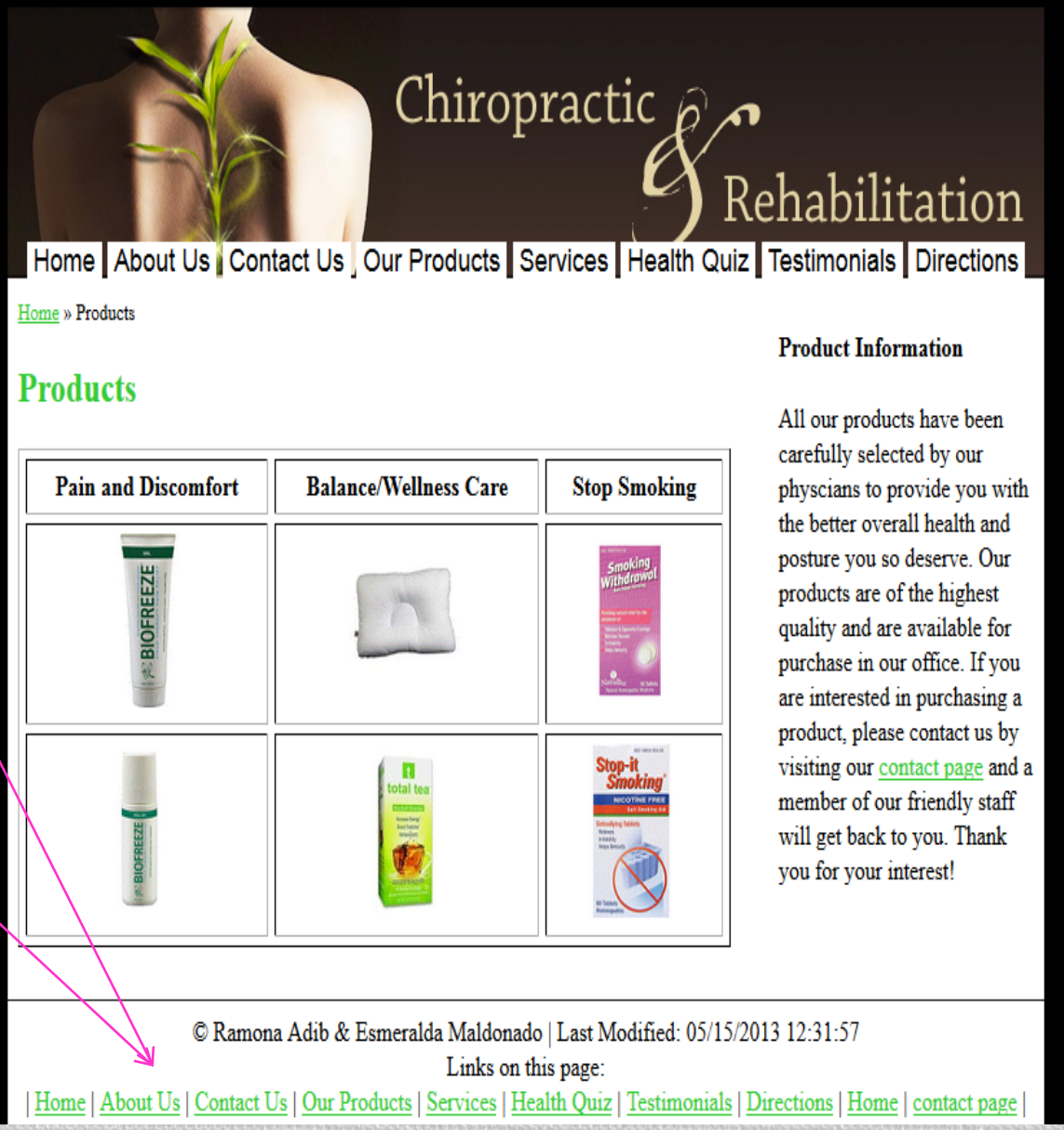
(products.html)

✓JavaScript Items

5. links – Fig.12.14 p.411

16. When a document was last modified, use the document object's lastModified property
Use modDate.toLoString()

21. Gathering all hyperlink elements from a page at the bottom



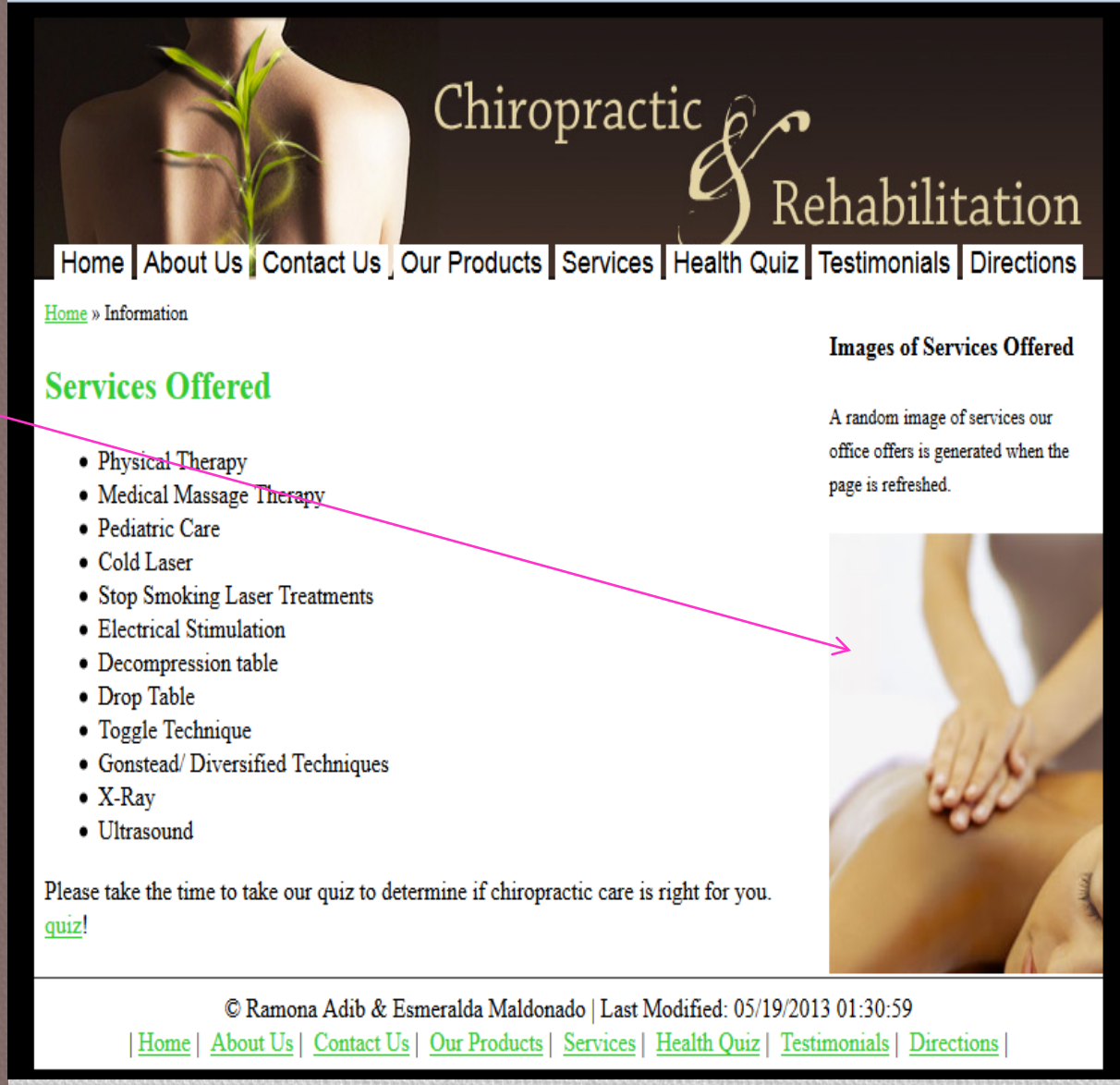
SERVICES

(zinfo.html)

✓JavaScript Items

9. Random or sequentially generated pictures

16. When a document was last modified, use the document object's lastModified property
Use modDate.toLoString()

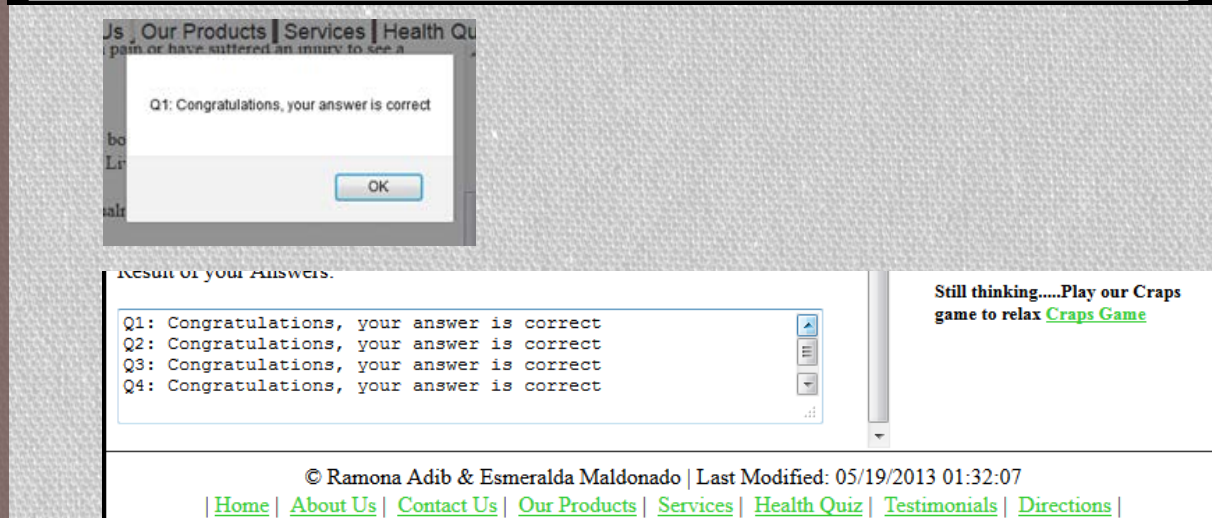


HEALTH QUIZ

(zquiz.html)

✓JavaScript Items

3. Produce an output in a, textarea, text, division and paragraph.
10. Quiz webpage
16. When a document was last modified, use the document object's lastModified property Use modDate.toLoString()
18. Timer: Indicate how many sec have elapsed since doc was loaded

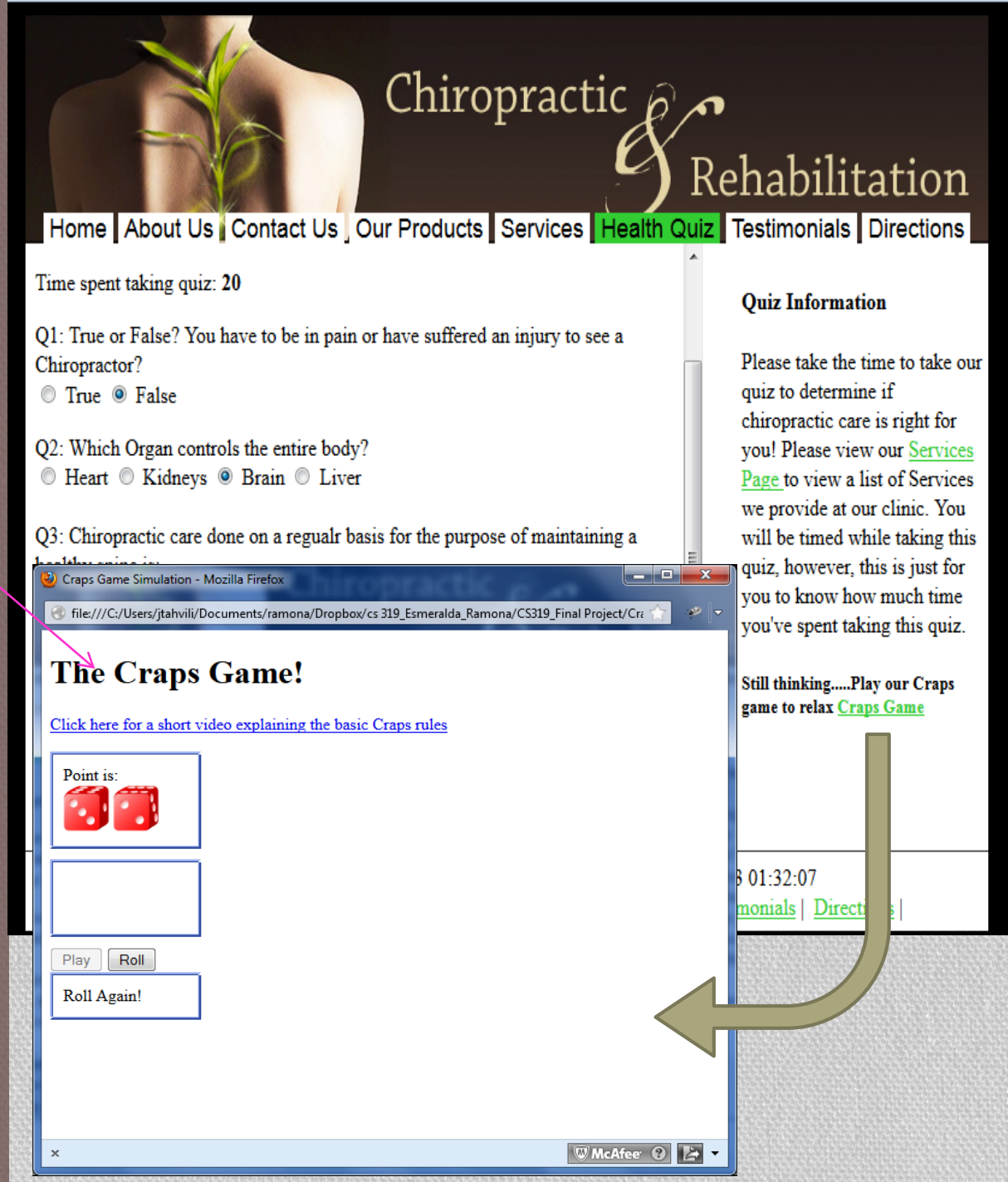


CRAPS GAME

(craps.html)

✓JavaScript Items

3. Produce an output in a, textarea, text, division and paragraph.
8. Game Craps webpage
7. click event, load event

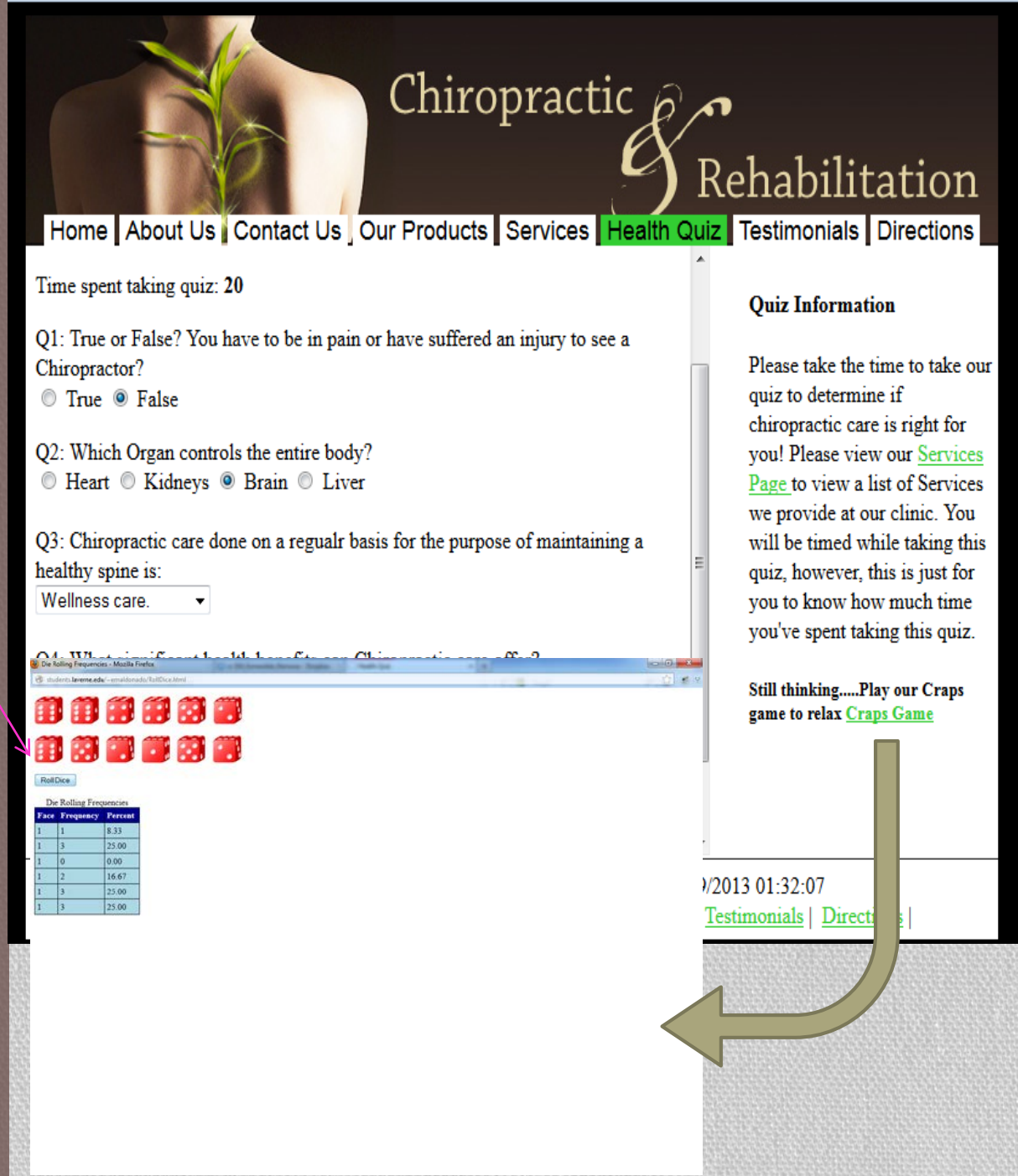


Roll Dice

(rolldice.html)

✓JavaScript Items

3. Produce an output in a, textarea, text, division and paragraph.
6. Precision for floating point numbers



TESTIMONIALS

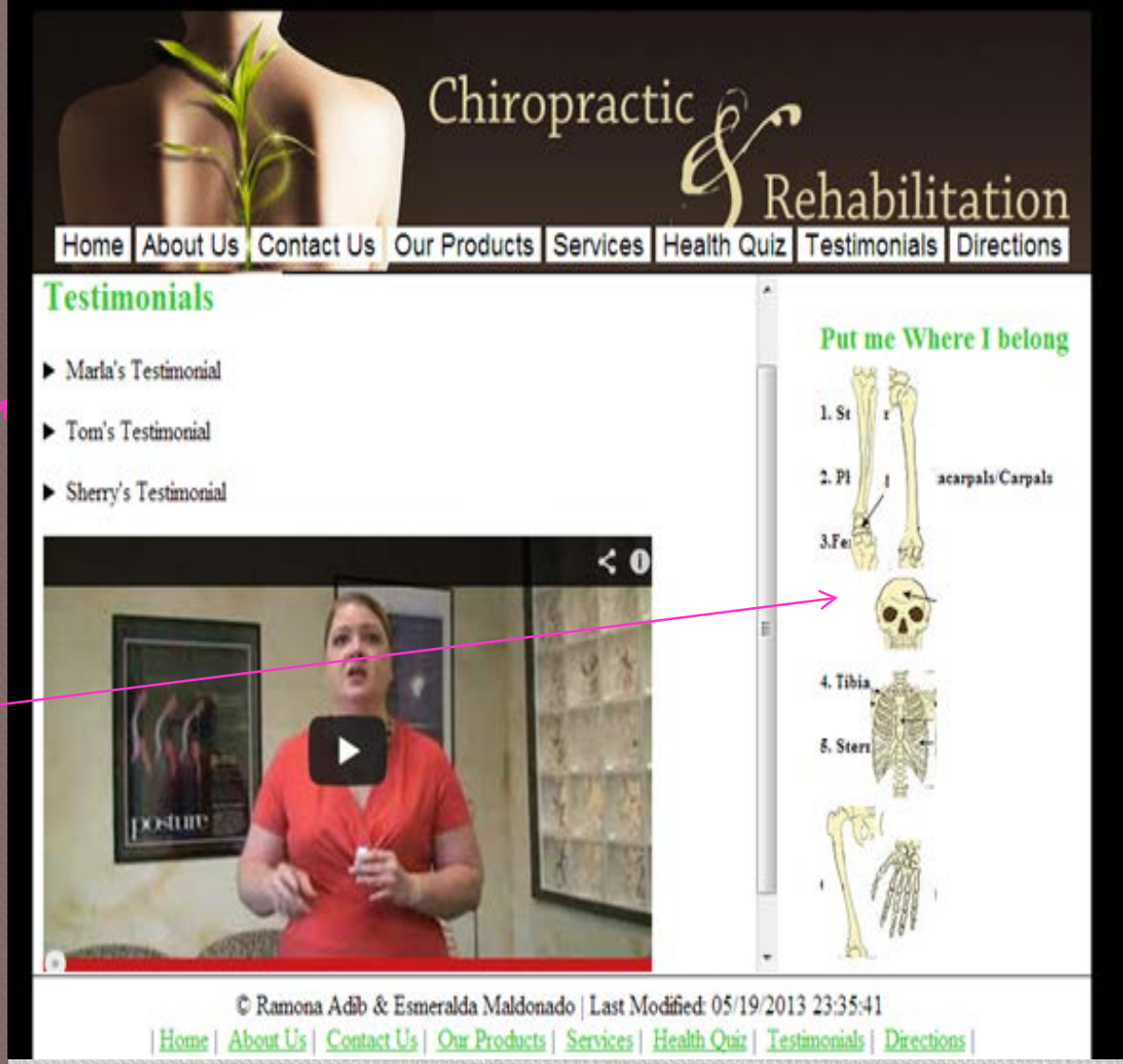
(testimonials.html)

✓JavaScript Items

16. When a document was last modified, use the document object's lastModified property Use modDate.toLoString()

23. Detail information with HTML5

24. Drop and drag images or paragraphs or divisions



DIRECTIONS

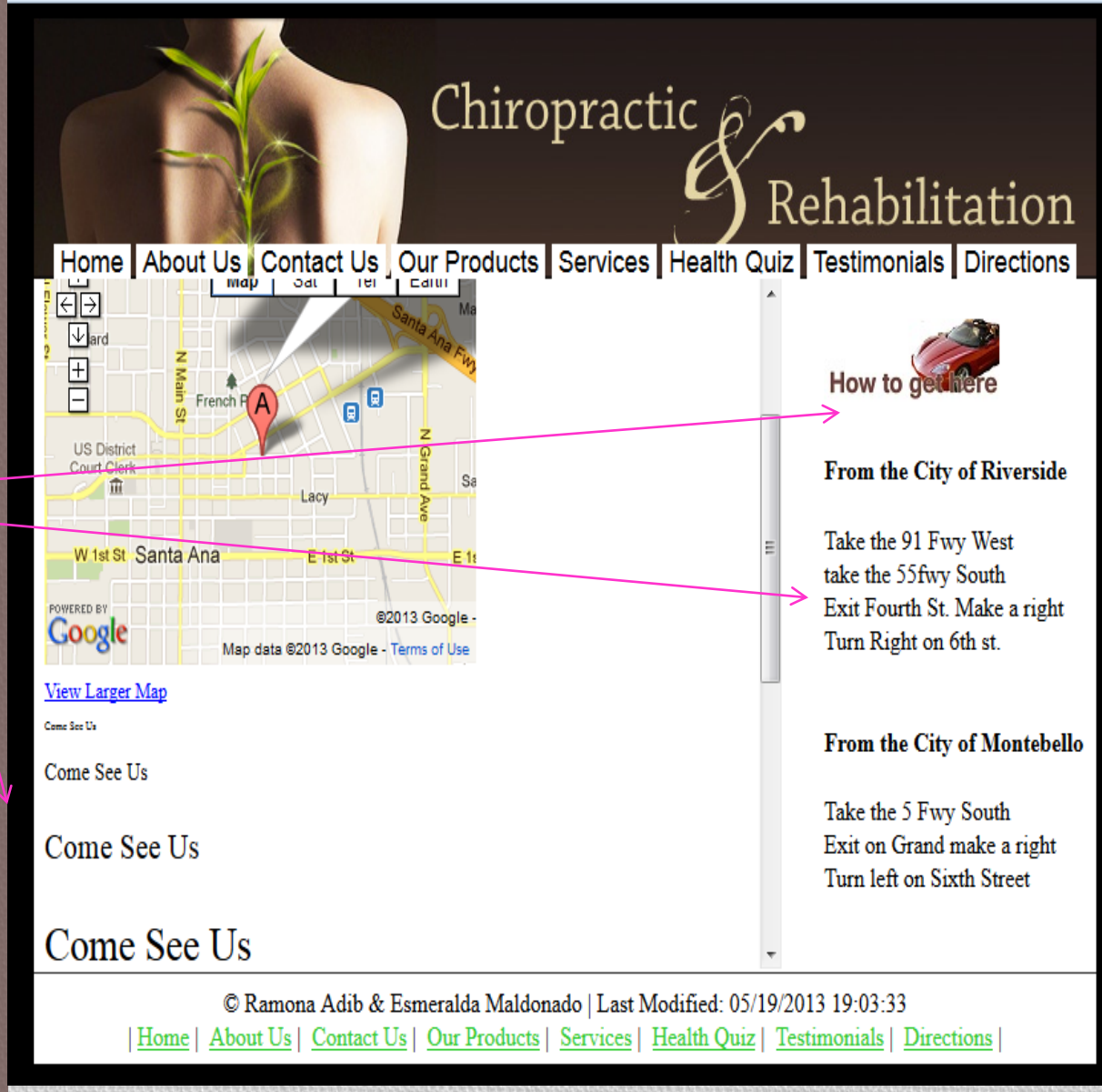
(directions.html)

✓JavaScript Items

5. font size - ch8, Fig. 8.2 p.254:

7. mouseOver
   mouseOut

16. When a document was last modified, use the document object's lastModified property
    Use modDate.toLoString()



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Add Missing Table 3: