
The Structure Of A Webpage: example.html

```
<!doctype html>

<html>

<head>

    <title>Example Domain</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">

        body {

            background-color: #f0f0f2;

            margin: 0;

            padding: 0;

            font-family: "Open Sans", "Helvetica Neue", Helvetica, Arial, sans-serif;

        }

        div {

            width: 600px;

            margin: 5em auto;

            padding: 50px;

            background-color: #fff;

            border-radius: 1em;

        }

    </style>

</head>

<body>

    <div>

        <h1>Hello World!</h1>

        <p>This is a simple example page. It illustrates how a basic webpage is structured. The content is contained within a central div, which is styled with CSS to have a width of 600px, centered margin, padding of 50px, a white background color, and rounded corners of 1em.</p>

        <ul>
            <li>Item 1</li>
            <li>Item 2</li>
            <li>Item 3</li>
        </ul>

    </div>

</body>

</html>
```

```
}

a:link, a:visited {

    color: #38488f;

    text-decoration: none;

}

@media (max-width: 700px) {

    body {

        background-color: #fff;

    }

    div {

        width: auto;

        margin: 0 auto;

        border-radius: 0;

        padding: 1em;

    }

}

</style>

</head>

<body>

<div>

    <h1>Example Domain</h1>

    <p>This domain is established to be used for illustrative examples in
documents. You may use this

        domain in examples without prior coordination or asking for permission.</p>

    <p><a href="http://www.iana.org/domains/example">More information...</a></p>

</div>

</body>

</html>
```

Header Tags: headertags.html

```
<!doctype html>

<html>

<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <meta name="description" content="A journey of a thousand miles begins with a
single step." />

</head>

<body>

    <h1>This is a huge header.</h1>
    <h2>This one's a little smaller.</h2>
    <h3>And smaller still...</h3>
    <h4>And so on</h4>
    <h5>And on</h5>
    <h6>Do you really want to go smaller than this?</h6>


```

</body>

</html>

Paragraphs: paragraphs.html

```
<!doctype html>

<html>
<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="description" content="A journey of a thousand miles begins with a single step." />

</head>

<body>

    <h1>My First Website</h1>

    <p>This is some content which I want to appear on<br />two lines.</p>

    <p>This is a second paragraph with a neat horizontal ruled line underneath.</p>
```

<hr>

</body>

</html>

Formatting Text: textdecoration.html

```
<!doctype html>

<html>
<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="description" content="A journey of a thousand miles begins with a single step." />

</head>

<body>

    <h1>My First Website</h1>

    <p>This is some content which I want to appear on<br />two lines.</p>

    <p>This is a second paragraph with a neat horizontal ruled line underneath.</p>
```

```
<hr>

<p>This paragraph has some fancy <strong>bold</strong>, <em>italic</em>,
<u>underlined</u> and <strike>struck through</strike> text.</p>

</body>
</html>
```

Unordered Lists: unorderedlists.html

```
<!doctype html>

<html>
<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <meta name="description" content="A journey of a thousand miles begins with a single step." />

</head>

<body>

    <h1>My First Website</h1>

    <p>This is some content which I want to appear on<br />two lines.</p>

    <p>This is a second paragraph with a neat horizontal ruled line underneath.</p>
```

```
<hr>

<p>This paragraph has some fancy <strong>bold</strong>, <em>italic</em>,
<u>underlined</u> and <strike>struck through</strike> text.</p>

<p>This is an unordered list of my favourite foods:</p>

<ul>
    <li>Tangerines</li>
    <li>Rocky Road Ice Cream</li>
    <li>Pizza</li>
</ul>

</body>
</html>
```

Ordered Lists: orderedlists.html

```
<!doctype html>

<html>
<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="description" content="A journey of a thousand miles begins with a single step." />

</head>

<body>

    <h1>My First Website</h1>

    <p>This is some content which I want to appear on<br />two lines.</p>

    <p>This is a second paragraph with a neat horizontal ruled line underneath.</p>
```

```
<hr>

<p>This paragraph has some fancy <strong>bold</strong>, <em>italic</em>, <u>underlined</u> and <strike>struck through</strike> text.</p>

<p>This is an unordered list of my favourite foods:</p>

<ul>
    <li>Tangerines</li>
    <li>Rocky Road Ice Cream</li>
    <li>Pizza</li>
</ul>

<p>This is an ordered list of the tallest trees in the world:</p>

<ol>
    <li>Coast Redwood</li>
    <li>Coast Douglas-fir </li>
    <li>Eucalyptus regnans</li>
</ol>

</body>
</html>
```

Images: images.html

```
<!doctype html>

<html>

<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <meta name="description" content="A journey of a thousand miles begins with a
single step." />

</head>

<body>

    <h1>My First Website</h1>

    <p>This is some content which I want to appear on<br />two lines.</p>

    <p>This is a second paragraph with a neat horizontal ruled line
underneath.</p>
```

```
<hr>
```

```
<p>This paragraph has some fancy <strong>bold</strong>, <em>italic</em>, <u>underlined</u> and <strike>struck through</strike> text.</p>
```

```
<p>This is an unordered list of my favourite foods:</p>
```

```
<ul>
```

- Tangerines
- Rocky Road Ice Cream
- Pizza

```
</ul>
```

```
<p>This is an ordered list of the tallest trees in the world:</p>
```

```
<ol>
```

- Coast Redwood
- Coast Douglas-fir
- Eucalyptus regnans

```
</ol>
```

```
<hr>
```

```
<p>Wish you were here?</p>
```

```
</body>
```

```
</html>
```

Forms: forms.html

```
<!doctype html>

<html>

<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <meta name="description" content="A journey of a thousand miles begins with a
single step." />

</head>

<body>

    <h1>My First Website</h1>

    <p>This is some content which I want to appear on<br />two lines.</p>

    <p>This is a second paragraph with a neat horizontal ruled line
underneath.</p>
```

```
<hr>
```

```
<p>This paragraph has some fancy <strong>bold</strong>, <em>italic</em>, <u>underlined</u> and <strike>struck through</strike> text.</p>
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```
<p>This is an unordered list of my favourite foods:</p>
```

```
<ul>
```

- Tangerines
- Rocky Road Ice Cream
- Pizza

```
</ul>
```

```
<p>This is an ordered list of the tallest trees in the world:</p>
```

```
<ol>
```

- Coast Redwood
- Coast Douglas-fir
- Eucalyptus regnans

```
</ol>
```

```
<hr>
```

```
<p>Wish you were here?</p>
```

```
<hr>
```

```
<table>
```

```
<tr><th>Name</th><th>Age</th><th>Gender</th></tr>
```

```
<tr><td>Rob</td><td>33</td><td>Male</td></tr>

<tr><td>Kirsten</td><td>34</td><td>Female</td></tr>

<tr><td>Tom</td><td>3</td><td>Male</td></tr>

</table>
```

```
<hr>
```

```
<input type="text" placeholder="Type something here..." />
```

```
<br />
```

```
<textarea>Longer text goes here...</textarea>
```

```
<br />
```

```
<select>
```

```
    <option>Choose an option...</option>
    <option value="1">1</option>
    <option value="2">2</option>
```

```
</select>
```

```
<br>
```

```
<input type="checkbox" /> Click me!
```

```
<br>
```

```
<input type="radio" name="options" /> Option 1
```

```
<br>

<input type="radio" name="options" /> Option 2

<br>

<input type="submit" value="Click Me!">

</body>
</html>
```

Links: links.html

```
<!doctype html>

<html>

<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <meta name="description" content="A journey of a thousand miles begins with a
single step." />

</head>

<body>

    <a name="top"></a>

    <h1>My First Website</h1>

    <p>This is some content which I want to appear on<br />two lines.</p>
```

<p>This is a second paragraph with a neat horizontal ruled line underneath.</p>

<hr>

<p>This paragraph has some fancy bold, italic, <u>underlined</u> and <strike>struck through</strike> text.</p>

<p>This is an unordered list of my favourite foods:</p>

- Tangerines
- Rocky Road Ice Cream
- Pizza

<p>This is an ordered list of the tallest trees in the world:</p>

- Coast Redwood
- Coast Douglas-fir
- Eucalyptus regnans

<hr>

<p>Wish you were here?</p>

<hr>

```
<table>

    <tr><th>Name</th><th>Age</th><th>Gender</th></tr>

    <tr><td>Rob</td><td>33</td><td>Male</td></tr>

    <tr><td>Kirsten</td><td>34</td><td>Female</td></tr>

    <tr><td>Tom</td><td>3</td><td>Male</td></tr>

</table>
```

```
<hr>
```

```
<input type="text" placeholder="Type something here..." />
```

```
<br />
```

```
<textarea>Longer text goes here...</textarea>
```

```
<br />
```

```
<select>

    <option>Choose an option...</option>

    <option value="1">1</option>

    <option value="2">2</option>

</select>
```

```
<br>
```

```
<input type="checkbox" /> Click me!
```

```
<br>

<input type="radio" name="options" /> Option 1

<br>

<input type="radio" name="options" /> Option 2

<br>

<input type="submit" value="Click Me!">

<hr>

<a href="helloworld.html">Click me to go to hello world!</a>

<br>

<a href="#top">Click me to go to the top of the page</a>

</body>
</html>
```

Tables: tables.html

```
<!doctype html>

<html>

<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <meta name="description" content="A journey of a thousand miles begins with a
single step." />

</head>

<body>

    <h1>My First Website</h1>

    <p>This is some content which I want to appear on<br />two lines.</p>

    <p>This is a second paragraph with a neat horizontal ruled line
underneath.</p>
```

```
<hr>
```

```
<p>This paragraph has some fancy <strong>bold</strong>, <em>italic</em>, <u>underlined</u> and <strike>struck through</strike> text.</p>
```

```
<p>This is an unordered list of my favourite foods:</p>
```

```
<ul>
```

- Tangerines
- Rocky Road Ice Cream
- Pizza

```
</ul>
```

```
<p>This is an ordered list of the tallest trees in the world:</p>
```

```
<ol>
```

- Coast Redwood
- Coast Douglas-fir
- Eucalyptus regnans

```
</ol>
```

```
<hr>
```

```
<p>Wish you were here?</p>
```

```
<hr>
```

```
<table>
```

```
<tr><th>Name</th><th>Age</th><th>Gender</th></tr>
<tr><td>Rob</td>33</td><td>Male</td></tr>
<tr><td>Kirsten</td><td>34</td><td>Female</td></tr>
<tr><td>Tom</td><td>3</td><td>Male</td></tr>
</table>

</body>
</html>
```

Iframes: iframes.html

```
<!doctype html>

<html>

<head>

    <title>My First Website</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <meta name="description" content="A journey of a thousand miles begins with a
single step." />

</head>

<body>

    <a name="top"></a>

    <h1>My First Website</h1>

    <p>This is some content which I want to appear on<br />two lines.</p>
```

<p>This is a second paragraph with a neat horizontal ruled line underneath.</p>

<hr>

<p>This paragraph has some fancy bold, italic, <u>underlined</u> and <strike>struck through</strike> text.</p>

<p>This is an unordered list of my favourite foods:</p>

- Tangerines
- Rocky Road Ice Cream
- Pizza

<p>This is an ordered list of the tallest trees in the world:</p>

- Coast Redwood
- Coast Douglas-fir
- Eucalyptus regnans

<hr>

<p>Wish you were here?</p>

<hr>

```
<table>

    <tr><th>Name</th><th>Age</th><th>Gender</th></tr>

    <tr><td>Rob</td><td>33</td><td>Male</td></tr>

    <tr><td>Kirsten</td><td>34</td><td>Female</td></tr>

    <tr><td>Tom</td><td>3</td><td>Male</td></tr>

</table>
```

```
<hr>
```

```
<input type="text" placeholder="Type something here..." />
```

```
<br />
```

```
<textarea>Longer text goes here...</textarea>
```

```
<br />
```

```
<select>

    <option>Choose an option...</option>

    <option value="1">1</option>

    <option value="2">2</option>

</select>
```

```
<br>
```

```
<input type="checkbox" /> Click me!
```

```
<br>

<input type="radio" name="options" /> Option 1

<br>

<input type="radio" name="options" /> Option 2

<br>

<input type="submit" value="Click Me!">

<hr>

<a href="helloworld.html">Click me to go to hello world!</a>

<br>

<a href="#top">Click me to go to the top of the page</a>

<hr>

<iframe src="helloworld.html"></iframe>

</body>
</html>
```

HTML Project: project_helloworld.html

```
<!doctype html>

<html>
  <head>
    <title>My First Website</title>

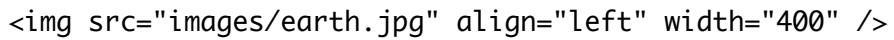
    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="description" content="A journey of a thousand miles begins with a single step." />

  </head>

  <body>
    <iframe src="helloworld.html" align="right"></iframe>

    <h1>Hello World!</h1>

    <h2>A few facts about the world we live in</h2>
```

<p>Earth is the third planet from the Sun and is the largest of the terrestrial planets. Unlike the other planets in the solar system that are named after classic deities the Earth's name comes from the Anglo-Saxon word erda which means ground or soil. The Earth was formed approximately 4.54 billion years ago and is the only known planet to support life.</p>

<hr>

<h3>About the earth</h3>

Mass: 5,972,190,000,000,000 billion kg

Diameter at equator: 12,756 km

Satellites The Moon

Mass: 5,972,190,000,000,000 billion kg

Mass:5,972,190,000,000,000 billion kg

<hr>

<h3>Top 3 earth facts</h3>

The Earth's rotation is gradually slowing.

A year isn't exactly 365 days, and the earth doesn't take 24 hours to rotate

70% of the earth's surface is water, and only one third of its fresh water is unfrozen

<hr>

<h3>Earth's nearest neighbours</h3>

<table>

Name	Radius	Average Temperature
Mars	3,390km	-55 °C
Venus	6,052	460 °C

</table>

<hr>

<form action="http://space-facts.com/earth/">

<p>Want to know more?</p>

<p><input type="submit" value="Click Here!" /></p>

</form>

</body>

</html>

Inline CSS: inlinecss.html

```
<!doctype html>

<html>
  <head>
    <title>Learning CSS</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

  </head>

  <body>
    <div>
      <h1>Example Domain</h1>
      <p style="color:blue;font-size:200%">This domain is established to
be used for illustrative examples in documents. You may use this
domain in examples without prior coordination or asking for
permission.</p>
      <p><a href="http://www.iana.org/domains/example">More
information...</a></p>
    </div>
  </body>
</html>
```

Internal CSS: internalcss.html

```
<!doctype html>

<html>

<head>

    <title>CSS Basics</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style>
        .large {font-size:200%}
        #padded {padding:50px;}
        .lowered {position:relative;top:40px}
    </style>

</head>

<body>

    <p class="large">This is some larger text.</p>

    <p id="padded">This text has some padding.</p>
```

```
<p>This is some <span class="lowered large">large and lowered</span>  
text.</p>
```

```
</body>
```

```
</html>
```

Classes And IDs: classesandids.html

```
<!doctype html>

<html>
<head>

    <title>Learning CSS</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">

        .large {
            font-size:200%;
        }

        #green {
            color:green;
        }

        .underline {
            text-decoration:underline;
        }

    </style>
</head>
<body>
    <h1>Hello World</h1>
    <p>This is some sample text. It has a class of "large" so it is 200% larger than the regular text. It also has an ID of "green" so its color is green. Finally, it has a class of "underline" so it has a underline under it.</p>
</body>
</html>
```

```
.bold {  
    font-weight:bold;  
}  
  
</style>  
  
</head>  
  
<body>  
  
    <p class="large">This is some text.</p>  
  
    <p id="green" class="large">This is some more text.</p>  
  
    <p>The third <span class="underline large bold">word</span> in this  
paragraph is underlined.</p>  
  
</body>  
</html>
```

Divs: divs.html

```
<!doctype html>
<html>
  <head>
    <title>Learning CSS</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">

      .large {
        font-size:200%;
      }

      #green {
        color:green;
      }

      .underline {
        text-decoration:underline;
      }

      .bold {
        font-weight:bold;
      }

    </style>
  </head>
  <body>
    <h1>Hello World</h1>
    <p>This is a test page for learning CSS. The text above is in a large font because I applied a class called "large" to its container element. The word "Hello" is green because I applied a class called "green" to its container element. The word "World" has a underline because I applied a class called "underline" to its container element. The word "test" is bold because I applied a class called "bold" to its container element. The background of the page is light blue because I applied a style directly to the body element. The overall styling is contained within an internal style sheet, which is why I included the type="text/css" attribute in the opening <style> tag.</p>
  </body>
</html>
```

```
        font-weight:bold;  
    }  
  
.bluebox {  
    background-color:blue;  
    width:200px;  
    height:200px;  
}  
  
.redbox {  
    background-color:red;  
    width:300px;  
    height:100px;  
}  
</style>  
  
</head>  
  
<body>  
  
    <div class="bluebox">  
        <p class="large">This is some text.</p>  
    </div>  
  
    <div class="redbox">
```

```
<p id="green" class="large">This is some more text.</p>

</div>

<p>The third <span class="underline large bold">word</span> in this
paragraph is underlined.</p>
```

```
</body>
</html>
```

Floating: floating.html

```
<!doctype html>

<html>
  <head>
    <title>Learning CSS</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">

      .large {
        font-size:200%;
      }

      #green {
        color:green;
      }

      .underline {
        text-decoration:underline;
      }

    </style>
  </head>
  <body>
    <h1>Hello World!</h1>
    <p>This is some sample text. It's not very interesting, so I'm going to make it look better by applying some CSS rules.</p>
    <p>I'm going to add a large heading to the page:</p>
    <h2>Large Heading</h2>
    <p>I'm also going to make some text green and underline it:</p>
    <p><span id="green">This text is green and underlined.</span></p>
    <p>Finally, I'm going to add a large heading to the page:</p>
    <h2>Large Heading</h2>
  </body>
</html>
```

```
.bold {  
    font-weight:bold;  
}  
  
.purplebox {  
    background-color:#B404AE;  
    width:200px;  
    height:200px;  
    float:left;  
}  
  
.greenbox {  
    background-color:#295715;  
    width:300px;  
    height:100px;  
    float:right;  
}  
  
.floatleft {  
    float:left;  
}  
  
.clear {  
    clear:both;  
}  
  
</style>
```

```
</head>
```

```
<body>
```

```
  <div class="purplebox">
```

```
    <p class="large">This is some text.</p>
```

```
  </div>
```

```
  <div class="greenbox">
```

```
    <p id="green" class="large">This is some more text.</p>
```

```
  </div>
```

```
  <div class="clear"></div>
```

```
  <p class="floatleft">The third <span class="underline large bold">word</span> in this paragraph is underlined.</p>
```

```
</body>
```

```
</html>
```

Positioning: positioning.html

```
<!doctype html>
<html>
  <head>
    <title>Learning CSS</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">

      .large {
        font-size:200%;
      }

      #green {
        color:green;
      }

      .underline {
        text-decoration:underline;
      }

    </style>
  </head>
  <body>
    <h1>Hello World!</h1>
    <p>This is some sample text. It's not very interesting, so I'm going to make it a bit larger and green, and underline it.</p>
  </body>
</html>
```

```
.bold {  
    font-weight:bold;  
}  
  
.purplebox {  
    background-color:#B404AE;  
    width:200px;  
    height:200px;  
    z-index:1;  
    position:static;  
}  
  
.greenbox {  
    background-color:#295715;  
    width:300px;  
    height:500px;  
    z-index:2;  
}  
  
</style>
```

```
</head>
```

```
<body>
```

```
<div class="purplebox">
```

```
<p class="large">This is some text.</p>

</div>

<div class="greenbox">

<p id="green" class="large">This is some more text.</p>

</div>

<div class="greenbox">

<p id="green" class="large">This is some more text.</p>

</div>

<div class="greenbox">

<p id="green" class="large">This is some more text.</p>

</div>

<body>
<p>The third <span class="underline large bold">word</span> in this
paragraph is underlined.</p>
</body>
</html>
```

Margins: margins.html

```
<!doctype html>
<html>
  <head>
    <title>Learning CSS</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">

      .large {
        font-size:200%;
      }

      #green {
        color:green;
      }

      .underline {
        text-decoration:underline;
      }

    </style>
  </head>
  <body>
    <h1>Hello World!</h1>
    <p>This is some sample text. It's not very interesting, but it's here to demonstrate how margins work.</p>
    <ul>
      <li>Item 1</li>
      <li>Item 2</li>
      <li>Item 3</li>
    </ul>
  </body>
</html>
```

```
.bold {  
    font-weight:bold;  
}  
  
.purplebox {  
    background-color:#B404AE;  
    width:200px;  
    height:200px;  
    z-index:1;  
    margin-left:400px;  
}  
  
.greenbox {  
    background-color:#295715;  
    width:300px;  
    height:200px;  
    z-index:2;  
}  
  
    </style>
```

```
</head>
```

```
<body>
```

```
    <div class="purplebox">
```

```
<p class="large">This is some text.</p>
```

```
</div>
```

```
<div class="greenbox">
```

```
<p id="green" class="large">This is some more text.</p>
```

```
</div>
```

```
<p>The third <span class="underline large bold">word</span> in this  
paragraph is underlined.</p>
```

```
</body>
```

```
</html>
```

Padding: padding.html

```
<!doctype html>

<html>

    <head>

        <title>Learning CSS</title>

        <meta charset="utf-8" />

        <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

        <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">

        .large {
            font-size:200%;
        }

        #green {
            color:green;
        }

        .underline {
            text-decoration:underline;
        }

    </style>

</head>

<body>

    <h1>Hello World</h1>

    <p>This is a paragraph of text. It has some padding around it.</p>

    <div>
        <h2>A Sub-Section</h2>
        <p>This is a paragraph of text. It has some padding around it.</p>
    </div>

</body>

</html>
```

```
.bold {  
    font-weight:bold;  
}  
  
.purplebox {  
    background-color:#B404AE;  
    width:200px;  
    height:200px;  
    padding-left:100px;  
    padding-top:0;  
}  
  
.greenbox {  
    background-color:#295715;  
    width:300px;  
    height:200px;  
}  
  
p {  
    padding:0;  
    margin:0;  
}  
  
</style>
```

```
</head>
```

```
<body>
```

```
<div class="purplebox">

    <p class="large">This is some text.</p>

    <p>More text</p>

</div>

<div class="greenbox">

    <p id="green" class="large">This is some more text.</p>

</div>

<p>The third <span class="underline large bold">word</span> in this
paragraph is underlined.</p>

</body>
</html>
```

Borders: borders.html

```
<!doctype html>
<html>
  <head>
    <title>Learning CSS</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">

      div {
        width:100px;
        height:100px;
        float:left;
        margin:20px;
      }

      .red {
        background-color:red;
        border:2px yellow ridge;
      }
    </style>
  </head>
  <body>
    <div></div>
    <div class="red"></div>
  </body>
</html>
```

```
.blue {  
    background-color:blue;  
    border-style: ridge solid dotted dashed;  
    border-width:10px 5px 3px 1px;  
    border-color:green yellow blue black;  
}  
  
.green {  
    background-color:green;  
    border-radius:50px;  
}  
  
</style>  
  
</head>  
  
<body>  
  
    <div class="red"> </div>  
  
    <div class="blue"> </div>  
  
    <div class="green"> </div>  
  
</body>  
</html>
```

Fonts: fonts.html

```
<!doctype html>
<html>
  <head>
    <title>Learning CSS</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">
      p {
        font-family:Arial, Helvetica, sans-serif;
      }
    </style>
  </head>
  <body>
    <p>This is some text</p>
```

</body>

</html>

Styling Text: stylingtext.html

```
<!doctype html>
<html>
  <head>
    <title>Learning CSS</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style type="text/css">

      p {
        font-family:Arial, Helvetica, sans-serif;
      }

      .bold {
        font-weight:bold;
        color:green;
        font-size:10px;
      }

      .italic {
        font-style:italic;
      }
    </style>
  </head>
  <body>
    <p>This is some sample text. It is not bold or italicized.</p>
    <p class="bold italic">This is some sample text. It is both bold and italicized.</p>
  </body>
</html>
```

```
    }

.underline {
    text-decoration:underline;
}

</style>

</head>

<body>

<p>This is some text</p>

<p class="bold">This is some bold text</p>

<p class="italic">This is some <span class="underline">italic</span>
text</p>

</body>

</html>
```

Styling Links: stylinglinks.html

```
<!doctype html>

<html>

    <head>
        <title>Learning CSS</title>

        <meta charset="utf-8" />
        <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1" />

        <style type="text/css">

            p {
                font-family:Arial, Helvetica, sans-serif;
            }

            a:visited {
                color:green;
            }

            a:hover {
                font-size:50px;
            }
        </style>
```

```
</head>

<body>

<a href="http://www.google.com" target=_blank>Google</a>

<a href="http://www.google.se" target=_blank>Google SE</a>

</body>

</html>
```

BBC News Website: bbc.html

```
<!doctype html>
<html>
<head>

    <title>CSS Basics</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

<style>

body {
    font-family: Arial, Helmet, Freesans, sans-serif;
    margin:0;
    line-height:16px;
}

#top-bar {
    width:100%;
    height:46px;
    background-color:#7A0000;
    margin:0;
}
```

```
.fixed-width {  
    width:1150px;  
    margin: 0 auto;  
}  
  
  
#bbc-logo {  
    padding-right:10px;  
    float:left;  
    border-right:1px solid #990000;  
    height:46px;  
}  
  
  
#bbc-logo img {  
    margin:10px 10px 0 10px;  
}  
  
  
#sign-in {  
    float:left;  
    color:#FFF;  
    height:41px;  
    width:200px;  
}  
  
  
#sign-in:hover {  
    border-bottom:5px solid white;  
}
```

```
#sign-in p {  
    margin: 13px 0 0 50px;  
}  
  
  
#top-menu ul {  
    float:left;  
  
    padding:0; margin:0;  
    height:46px;  
}  
  
  
#top-menu li {  
    float:left;  
    color:white;  
    border-left:1px solid #990000;  
    height:33px;  
    list-style:none;  
    padding: 13px 20px 0 20px;  
}  
  
  
#top-menu li:hover {  
    height:28px;  
}  
  
  
.white-border:hover {  
    border-bottom:5px solid white;  
}
```

```
#news:hover {  
    border-bottom:5px solid #9b2313;  
}  
  
#sport:hover {  
    border-bottom:5px solid #ffe711;  
}  
  
#weather:hover {  
    border-bottom:5px solid #77cdff;  
}  
  
#iplayer:hover {  
    border-bottom:5px solid #ed3482;  
}  
  
#top-menu input {  
    height:25px;  
    border:none;  
    width:180px;  
    font-weight:bold;  
    color:black;  
    font-size:110%;  
    padding-left:10px;  
    position:relative;  
    top:-4px;  
}
```



```
    top:2px;  
}  
  
.clear {  
    clear: both;  
}  
  
#news-menu ul {  
    background-color:#3E0C0D;  
    width:100%;  
    height:24px;  
    padding:7px 0 0 0;  
    position:relative;  
    top:-17px;  
}  
  
#news-menu li {  
    border-right:1px solid #990000;  
    background-color:#3E0C0D;  
    float:left;  
    list-style:none;  
    color:white;  
    padding: 0 10px 0 10px;  
    font-size:90%;  
}  
  
#eanda {  
    border-right:none;
```

```
}

#news-menu a {
    color:white;
}

h1 a {
    color:#1F4F82;
    font-weight:bold;
    font-size:105%;
    float:left;
    padding-bottom:30px;
}

a {
    text-decoration:none;
}

#news-container {
    position:relative;
    top:-15px;
}

.new {
    color:#990000;
    float:left;
    padding: 6px 0 0 10px;
}
```

```
#news-left {  
    float:left;  
    width:727px;  
}  
  
.newsimage {  
    float:left;  
}  
  
.news-info {  
    float:left;  
    width:290px;  
    left:15px;  
    padding: 0 20px 0 20px;  
}  
  
.live {  
    background-color:#F42924;  
    color:#FFF;  
    padding: 0 3px 0 3px;  
    margin-right:4px;  
    font-size:14px;  
    position:relative;  
    top:-3px;  
}  
  
.news-info p {
```

```
    margin:0;
    color: #616161;
    line-height:19px;
}

.news-info a {
    color:#50759D;
}

a:hover {
    text-decoration:underline;
}

#watch-listen {
    margin-top:25px;
    background-color:#EEEEEE;
    float:left;
}

#watch-listen h2 {
    color:#565656;
    margin:10px 0 10px 10px;
    font-size:180%;
}

#watch-listen-links a {
    font-size:140%;
    font-weight:bold;
}
```

```
    color:#39638F;  
}  
  
  


```
#arrow-left {
 float:left;
 border-right: 1px solid white;
}


```
.wl-block {  
    float:left;  
    background-color:#D1700E;  
    border-right: 1px solid white;  
    width:179px;  
    height:155px;  
}  
  
  


```
.wl-block-link-container {
 padding:5px;
}


```
.wl-block-link-container a {  
    color:white;  
}  
  
  


```
#arrow-left {
 float:left;
 border-left: 1px solid white;
}
```


```


```


```


```


```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div id="container">
```

```
    <div id="top-bar">
```

```
        <div class="fixed-width">
```

```
            <div id="bbc-logo">
```

```
                
```

```
            </div>
```

```
            <div id="sign-in">
```

```
                <p>Sign In</p>
```

```
            </div>
```

```
        <div id="top-menu">
```

```
            <ul>
```

```
                <li id="news">
```

```
                    News
```

```
                </li>
```

```
                <li id="sport">
```

```
                    Sport
```

```
                </li>
```

```
<li id="weather">  
    Weather  
</li>  
  
<li id="iplayer">  
    iPlayer  
</li>  
  
<li class="white-border">  
    TV  
</li>  
  
<li class="white-border">  
    Radio  
</li>  
  
<li class="white-border">  
    More...  
</li>  
  
<li>  
    <input type="text" placeholder="Search" />  
</li>  
  
</ul>  
  
</div>  
  
</div>  
  
<div class="clear"></div>
```

```
<div id="title-bar">

    <div class="fixed-width">

        <div id="news-title">
            NEWS
        </div>

        <div id="date">
            <p><strong>25 March 2014</strong> Last updated at 09:13</p>
        </div>

        <div id="rss">
            <p>RSS  </p>
        </div>

        <div class="clear"></div>

    <div id="news-menu">
        <ul>
            <li>
                <a href="">Home</a>
            </li>
            <li>
                <a href="">World</a>
            </li>
            <li>
                <a href="">UK</a>
            </li>
        </ul>
    </div>
</div>
```

```
</li>

<li>
    <a href="">England</a>
</li>

<li>
    <a href="">N. Ireland</a>
</li>

<li>
    <a href="">Scotland</a>
</li>

<li>
    <a href="">Wales</a>
</li>

<li>
    <a href="">Business</a>
</li>

<li>
    <a href="">Politics</a>
</li>

<li>
    <a href="">Health</a>
</li>

<li>
    <a href="">Education</a>
</li>

<li>
    <a href="">Sci/Environment</a>
</li>
```

```
<li>
    <a href="">Technology</a>
</li>
<li style="border-right:none">
    <a href="">Entertainment & Arts</a>
</li>
</ul>
</div>

</div>

<div class="fixed-width">

<div id="news-left">

<h1><a href="">Beijing clashes over missing plane</a></h1>



<div class="news-info">
    <p>Angry relatives of passengers on board the missing Malaysia Airways plane scuffle with police outside Malaysia's embassy in the Chinese capital.</p>
    <p><a href="">Coming up: News briefing </a></p>
    <p><a href=""><span class="live">Live</span> Missing relatives protest </a></p>
    <p><a href="">Watch 'Massive logistical exercise' </a></p>
    <p><a href="">Watch 'Flight ended in ocean' </a></p>

```

```
<p><a href="">Watch How 'pings' helped track plane </a></p>

<p><a href="">Watch Cutting-edge methods </a></p>

<p><a href="">Can black boxes provide answers? </a></p>

<p><a href="">The search for flight MH370</a></p>

</div>

</div>

<div id="watch-listen">

    <h2>Watch/Listen</h2>

    <div class="watch-carousel">

        <div class="wl-block">

        </div>

        <div class="wl-block-link-container">

            <a href="">Ceiling collapse theatre set to
reopen</a>

        </div>

    </div>

</div>
```

```
<div class="wl-block">

    <div class="wl-block-link-container">

        <a href="">Frantic call after deadly
        landslide</a>

    </div>

    </div>

    </div>

    <div id="watch-listen-links">

        <p><span class="live">Live</span><a href="">Live
        coverage of Pistorius trial Live</a>

        <p><span class="live">Live</span><a href="">BBC News
        Channel Live</a>

        <p><span class="live">Live</span><a href="">BBC Radio 5
        Live</a>

    </div>

</div>
```

</div>

</div>

</body>

</html>

Internal Javascript: internaljavascript.html

```
<!doctype html>

<html>

    <head>

        <title>Learning Javascript</title>

        <meta charset="utf-8" />

        <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

        <meta name="viewport" content="width=device-width, initial-scale=1" />

    </head>

    <body>

        <button onclick="alert('Hi ')">Click Me!</button>

        <script type="text/javascript">

            alert("Page loaded!");

        </script>

    </body>

</html>
```

</body>

</html>

Accessing Elements: accessingelements.html

```
<!doctype html>

<html>

  <head>

    <title>Learning Javascript</title>

    <meta charset="utf-8" />

    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

  </head>

  <body>

    <p id="text">Some text</p>

    <script type="text/javascript">

      // This is a comment

      /*

```

```
This is a multi-line  
comment
```

```
*/
```

```
document.getElementById("text").innerHTML="Some more text";
```

```
</script>
```

```
</body>
```

```
</html>
```

Responding To A Click: respondingtoaclick.html

```
<!doctype html>

<html>

    <head>

        <title>Learning Javascript</title>

        <meta charset="utf-8" />

        <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1" />

    </head>

    <body>

        <button id="myButton">You know you want to click me...</button>

        <script type="text/javascript">

            document.getElementById("myButton").onclick=function() {

                alert("Hi!");
            }
        </script>
    </body>
</html>
```

}

</script>

</body>

</html>

Changing Website Content: changingwebsitecontent.html

```
<!doctype html>

<html>

    <head>

        <title>Learning Javascript</title>

        <meta charset="utf-8" />
        <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1" />

    </head>

    <body>

        <button id="textChanger">Change first div text</button>

        <div id="firstDiv">This is some text</div>

        <button id="textAppender">Append some text</button>

    </body>

</html>
```

```
<div id="secondDiv">Javascript is...</div>

<button id="textCreator">Create some text</button>

<div id="emptyDiv"></div>

<script type="text/javascript">

    document.getElementById("textChanger").onclick=function() {

        document.getElementById("firstDiv").innerHTML="This is
awesome!";

    }

    document.getElementById("textAppender").onclick=function() {

        document.getElementById("secondDiv").innerHTML=document.getElementById("secondDi
v").innerHTML + "great!";

    }

    document.getElementById("textCreator").onclick=function() {

        document.getElementById("emptyDiv").innerHTML=<ul><li>Cat</
li><li>Dog</li></ul>;

    }

}
```

```
</script>
```

```
</body>
```

```
</html>
```

Mini Challenge: Disappearing Circles

minichallenge.html

```
<!doctype html>

<html>

    <head>

        <title>Learning Javascript</title>

        <meta charset="utf-8" />
        <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1" />

        <style>

            #circle {
                width:200px;
                height:200px;
                border-radius:100px;
                background-color:red;
            }

        </style>

    </head>

    <body>
```

```
<div id="circle"></div>

<script type="text/javascript">

    document.getElementById("circle").onclick=function() {

        document.getElementById("circle").style.display="none";

    }

</script>

</body>

</html>
```

Variables: variables.html

```
<!doctype html>
<html>
  <head>
    <title>Learning Javascript</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

  </head>

  <body>

    <input id="myInput" type="text" value="test" />

    <button id="stylesChanger">Change the text!</button>

    <div id="firstDiv">This is some text</div>

    <script type="text/javascript">
```

```
var newText=document.getElementById("myInput").value;

document.getElementById("stylesChanger").onclick=function() {

    newText=document.getElementById("myInput").value;

    document.getElementById("firstDiv").innerHTML=newText;

}

</script>

</body>

</html>
```

Arrays: arrays.html

```
<!doctype html>
<html>
  <head>
    <title>Learning Javascript</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

  </head>

  <body>
    <button id="stylesChanger">Change the text!</button>

    <div id="firstDiv">This is some text</div>

    <script type="text/javascript">
      var myArray=new Array();
    
```

```
myArray[0]="pizza";
myArray[1]="chocolate";

myOtherArray=["rain", "sunshine"];

myOtherArray.push("snow");

myOtherArray.splice(2, 0, "hail", "cloudy");

console.log(myOtherArray.length);

document.getElementById("stylesChanger").onclick=function() {

    document.getElementById("firstDiv").innerHTML=myArray[1];

}

</script>

</body>
</html>
```

If Statements: if.html

```
<!doctype html>

<html>

    <head>

        <title>Learning Javascript</title>

        <meta charset="utf-8" />

        <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

        <meta name="viewport" content="width=device-width, initial-scale=1" />

    </head>

    <body>

        <p>What is the weather?</p>

        <input id="weather" />

        <button id="myButton">Submit</button>

        <script type="text/javascript">

            document.getElementById("myButton").onclick=function() {
```

```
if (document.getElementById("weather").value=="rain") {  
  
    alert ("it's raining");  
  
} else {  
  
    alert("it's not raining!");  
  
}  
  
}  
  
</script>  
  
</body>  
</html>
```

Javascript Game - How Many Fingers?: howmanyfingers.html

```
<!doctype html>
<html>
  <head>
    <title>Learning Javascript</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

  </head>

  <body>
    <p>How many fingers am I holding up?</p>
    <input id="answer" />
    <button id="myButton">Submit</button>

    <script type="text/javascript">
```

```
document.getElementById("myButton").onclick=function() {  
  
    var x=Math.random();  
  
    x=6*x;  
  
    x=Math.floor(x);  
  
    if (x==document.getElementById("answer").value) {  
  
        alert("That's correct!");  
  
    } else {  
  
        alert("That's wrong! My number was "+x);  
  
    }  
}  
  
</script>  
  
</body>  
</html>
```

For Loops: forloops.html

```
<!doctype html>
<html>
  <head>
    <title>Learning Javascript</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

  </head>

  <body>
    <p id="arrayString"></p>

    <script type="text/javascript">
      var arrayString="";
      var myArray=["pizza", "chocolate", "crisps"];
    </script>
  </body>
</html>
```

```
for (var i=0; i<myArray.length; i++) {  
  
    arrayString=arrayString+myArray[i]+" ";  
  
}  
  
document.getElementById("arrayString").innerHTML=arrayString;  
  
</script>  
  
</body>  
</html>
```

While Loops: whileloops.html

```
<!doctype html>

<html>

  <head>

    <title>Learning Javascript</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

  </head>

  <body>

    <p>How many fingers are you holding up?</p>

    <input id="myNumber" />

    <button id="guess">Guess!</button>

    <script type="text/javascript">
```

```
document.getElementById("guess").onclick=function() {  
  
    var gotit=false; var guesses=1; var x;  
  
    while (gotit==false) {  
  
        x=Math.random();  
  
        x=6*x;  
  
        x=Math.floor(x);  
  
        if (document.getElementById("myNumber").value==x) {  
  
            gotit=true;  
  
        } else {  
  
            guesses++;  
  
        }  
  
    }  
  
    alert("Got it! It was a "+x+". It only took me "+guesses+"  
guesses!");  
  
}
```

</script>

</body>

</html>

Javascript Project - Reaction Tester: reactiontester.html and script.js

```
<!doctype html>

<html>
  <head>
    <title>Learning Javascript</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style>
      body {
        font-family:Verdana, Geneva, sans-serif;
      }

      #box {
        width:200px;
        height:200px;
        background-color:red;
        display:none;
        position:relative;
      }
    </style>
  </head>
  <body>
    <div id="box"></div>
  </body>
</html>
```

```
    }

    .bold {
        font-weight:bold;
    }

</style>

</head>

<body>

<h1>Test your reactions!</h1>

<p>Click on the boxes and circles as quickly as you can!</p>

<p class="bold">Your time: <span id="time">0</span>s</p>

<div id="box"></div>

<script type="text/javascript" src="scripts.js"></script>

</body>

</html>
```

script.js

```
function getRandomColor() {  
    var letters = '0123456789ABCDEF'.split('');  
    var color = '#';  
    for (var i = 0; i < 6; i++ ) {  
        color += letters[Math.round(Math.random() * 15)];  
    }  
    return color;  
}  
  
var clickedTime; var createdTime; var reactionTime;  
  
function makeBox() {  
  
    var time=Math.random();  
  
    time=time*5000;  
  
    setTimeout(function() {  
  
        if (Math.random()>0.5) {  
  
            document.getElementById("box").style.borderRadius="100px";  
        }  
    }, time);  
}
```

```
    } else {  
  
document.getElementById("box").style.borderRadius="0";  
  
}  
  
var top=Math.random();  
  
top=top*300;  
  
var left=Math.random();  
  
left=left*500;  
  
document.getElementById("box").style.top=top+"px";  
  
document.getElementById("box").style.left=left+"px";  
  
document.getElementById("box").style.backgroundColor=getRandomColor();  
  
document.getElementById("box").style.display="block";  
  
createdTime=Date.now();  
  
, time);
```

```
}

document.getElementById("box").onclick=function() {

    clickedTime=Date.now();

    reactionTime=(clickedTime-createdTime)/1000;

    document.getElementById("time").innerHTML=reactionTime;

    this.style.display="none";

    makeBox();

}

makeBox();
```

External Javascript: externaljs.html and script.js

```
<!doctype html>

<html>
  <head>
    <title>Learning Javascript</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <style>
      body {
        font-family:Verdana, Geneva, sans-serif;
      }

      #box {
        width:200px;
        height:200px;
        background-color:red;
        display:none;
        position:relative;
      }
    </style>
  </head>
  <body>
    <div id="box"></div>
    <script type="text/javascript" src="script.js"></script>
  </body>
</html>
```

```
    }

    .bold {
        font-weight:bold;
    }

</style>

</head>

<body>

<h1>Test your reactions!</h1>

<p>Click on the boxes and circles as quickly as you can!</p>

<p class="bold">Your time: <span id="time">0</span>s</p>

<div id="box"></div>

<script type="text/javascript" src="scripts.js"></script>

</body>

</html>
```

script.js

```
function getRandomColor() {  
    var letters = '0123456789ABCDEF'.split('');  
    var color = '#';  
    for (var i = 0; i < 6; i++ ) {  
        color += letters[Math.round(Math.random() * 15)];  
    }  
    return color;  
}  
  
var clickedTime; var createdTime; var reactionTime;  
  
function makeBox() {  
  
    var time=Math.random();  
  
    time=time*5000;  
  
    setTimeout(function() {  
  
        if (Math.random()>0.5) {  
  
            document.getElementById("box").style.borderRadius="100px";  
  
        } else {  
    
```

```
document.getElementById("box").style.borderRadius="0";  
  
}  
  
var top=Math.random();  
  
top=top*300;  
  
var left=Math.random();  
  
left=left*500;  
  
document.getElementById("box").style.top=top+"px";  
  
document.getElementById("box").style.left=left+"px";  
  
document.getElementById("box").style.backgroundColor=getRandomColor();  
  
document.getElementById("box").style.display="block";  
  
createdTime=Date.now();  
  
, time);  
  
}
```

```
document.getElementById("box").onclick=function() {  
  
    clickedTime=Date.now();  
  
    reactionTime=(clickedTime-createdTime)/1000;  
  
    document.getElementById("time").innerHTML=reactionTime;  
  
    this.style.display="none";  
  
    makeBox();  
}  
  
makeBox();
```

Embedding jQuery - embeddingjquery.html

```
<!doctype html>

<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="jquery.min.js"></script>

  </head>

  <body>
    <script>
      if (typeof jQuery != "undefined") {
        alert('jQuery is installed!');
      }
    </script>
  </body>
</html>
```

```
    } else {  
  
        alert('jQuery is not installed!');  
  
    }  
  
</script>  
  
</body>  
</html>
```

Detecting A Click: click.html

```
<!doctype html>

<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="jquery.min.js"></script>

  <style>

    #circle {
      width:200px;
      height:200px;
      background-color:green;
      border-radius:100px;
    }

    .square {
      width:200px;
```

```
height:200px;  
background-color:red;  
margin-top:10px;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div id="circle"></div>  
  
<div class="square"></div>  
  
<div class="square"></div>  
  
<script>  
$("div").click(function() {  
    alert("Div Clicked!");  
});  
  
</script>
```

</body>

</html>

Changing Website Content: changingwebsitecontent.html

```
<!doctype html>
<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="jquery.min.js"></script>

  <style>
    #circle {
      width:200px;
      height:200px;
      background-color:green;
      border-radius:100px;
    }

    .square {
      width:200px;
      height:200px;
      background-color:red;
      border-radius:0;
    }
  </style>
</head>
<body>
  <div id="circle"></div>
  <div class="square"></div>
</body>

```

```
width:200px;  
height:200px;  
background-color:red;  
margin-top:10px;  
}  
  
</style>  
  
</head>  
  
<body>  
  <div id="circle"></div>  
  
  <p>This is some text</p>  
  
  <iframe src="http://www.cnn.com"></iframe>  
  
<script>  
  $("#circle").hover(function() {  
    $("iframe").attr("src", "http://  
www.ecowebhosting.co.uk");  
  });
```

</script>

</body>

</html>

Changing Styles: changingcss.html

```
<!doctype html>
<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="jquery.min.js"></script>

  <style>

    #circle {
      width:200px;
      height:200px;
      background-color:green;
      border-radius:100px;
    }

    .square {
      width:300px;
    }

  </style>

```

```
height:300px;  
background-color:red;  
margin-top:10px;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div id="circle"></div>  
  
<div class="square"></div>  
  
<div class="square"></div>  
  
<script>  
  
$("#circle").click(function() {  
  
    $(".square").fadeOut();  
  
});  
  
</script>
```

</body>

</html>

Fading Content: fadingcontent.html

```
<!doctype html>
<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="jquery.min.js"></script>

  <style>
    #circle {
      width:200px;
      height:200px;
      background-color:green;
      border-radius:100px;
    }

    .square {
      width:300px;
    }
  
```

```
height:300px;  
background-color:red;  
margin-top:10px;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<p>This is some text.</p>  
  
<button id="fader">Fade Out</button>  
  
<button id="faderIn">Fade In</button>  
  
<script>  
  
$("#fader").click(function() {  
  
    $("p").fadeOut("slow", function() {  
  
        alert("FadeOut complete!");  
  
    });  
});
```

```
});  
  
$("#faderIn").click(function() {  
  
    $("p").fadeIn();  
  
});  
  
</script>  
  
</body>  
</html>
```

Animating Content: animatingcontent.html

```
<!doctype html>

<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="jquery.min.js"></script>

  <style>

    #circle {
      width:200px;
      height:200px;
      background-color:green;
      border-radius:100px;
    }

    .square {
      width:200px;
      height:200px;
      background-color:red;
      border-radius:0;
    }

  </style>
</head>
<body>
  <div id="circle"></div>
  <div class="square"></div>
</body>

```

```
width:300px;  
height:300px;  
background-color:red;  
margin-top:10px;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div id="circle"></div>
```

```
<script>
```

```
$("#circle").click(function() {
```

```
    $(this).animate({  
        width:"300px",  
        height:"300px",  
        borderRadius:"150px",  
        marginLeft:"100px",  
        marginTop:"100px"  
    },800);
```

```
});
```

```
</script>
```

```
</body>
```

```
</html>
```

Loading Data With AJAX: ajax.html

```
<!doctype html>
<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="http://code.jquery.com/
jquery.min.js"></script>

  <style>
    #circle {
      width:200px;
      height:200px;
      background-color:green;
      border-radius:100px;
    }

    .square {
      width:200px;
      height:200px;
      background-color:red;
      border-radius:0;
    }
  </style>
</head>
<body>
  <div id="circle"></div>
  <div class="square"></div>
</body>

```

```
width:300px;  
height:300px;  
background-color:red;  
margin-top:10px;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<h1>Asynchronous Javascript And XML</h1>  
  
<script>  
  
$.ajax({  
    url:"test.html"  
}).done(function(data) {  
  
    $("h1").append(data);  
  
});  
  
</script>
```

</body>

</html>

Regular Expressions: regex.html

```
<!doctype html>

<html>

    <head>

        <title>Learning jQuery</title>

        <meta charset="utf-8" />

        <meta http-equiv="Content-type" content="text/html; charset=utf-8" />

        <meta name="viewport" content="width=device-width, initial-scale=1" />

        <script type="text/javascript" src="jquery.min.js"></script>

    <style>

        #circle {

            width:200px;

            height:200px;

            background-color:green;

            border-radius:100px;

        }

        .square {

            width:300px;

        }

    </style>

</head>

<body>

    <div id="circle"></div>

    <div class="square"></div>

</body>

</html>
```

```
height:300px;  
background-color:red;  
margin-top:10px;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<script>
```

```
var regex=/e/g;  
  
var string="Regex is Great!";  
  
var result = string.match(regex);  
  
alert(result);
```

```
</script>
```

```
</body>
```

```
</html>
```

Mini Project - Form Validation: validation.html

```
<!doctype html>
<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="jquery.min.js"></script>

  <style>
    #wrapper {
      width:600px;
      margin:0 auto;
      font-family: helvetica;
      font-size:1.2em;
    }

    input {
```

```
    width:300px;  
    height:30px;  
    padding:5px;  
    border-radius:5px;  
    font-size:1.2em;  
    border: 1px solid grey;  
    margin-bottom:10px;  
}  
  
label {
```

```
    width:200px;  
    float:left;  
    padding-top:7px;  
}
```

```
#submitButton {  
    height:50px;  
    margin-left:200px;  
    width:100px;  
}
```

```
#error {  
    color:red;  
    margin:20px;  
}
```

```
</style>
```

```
</head>

<body>

<div id="wrapper">

    <div id="error"></div>

    <form id="validationForm">

        <label for="email">Email</label>
        <input name="email" id="email" />

        <label for="phone">Telephone</label>
        <input name="phone" id="phone" />

        <label for="pass">Password</label>
        <input name="pass" type="password" id="pass1" />

        <label for="pass">Confirm Password</label>
        <input name="pass" type="password" id="pass2" />

        <input id="submitButton" type="submit" value="Submit" />

    </form>

</div>
```



```
if (!$.isNumeric($("#phone").val())) {  
  
    errorMessage=errorMessage+"<br />Please enter a valid phone number";  
  
}  
  
if ($("#pass1").val() != $("#pass2").val()) {  
  
    errorMessage=errorMessage+"<br />Please enter matching passwords";  
  
}  
  
if (errorMessage=="") {  
  
    alert("Success!");  
  
} else {  
  
    $("#error").html(errorMessage);  
  
}  
  
});  
  
</script>
```

</body>

</html>

Draggables: draggable.html

```
<!doctype html>
<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="jquery.min.js"></script>

    <script type="text/javascript" src="http://ajax.googleapis.com/ajax/
libs/jqueryui/1.10.4/jquery-ui.min.js"></script>

  <style>

    #square {
      height:200px;
      width:200px;
      background-color:grey;
    }

  </style>
```

```
</head>
```

```
<body>
```

```
  <div id="square"></div>
```

```
  <script>
```

```
    $("#" + square).draggable();
```

```
  </script>
```

```
</body>
```

```
</html>
```

Resizables: resizable.html

```
<!doctype html>

<html>
<head>

    <title>jQuery Basics</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script src="http://code.jquery.com/jquery-1.10.2.js"></script>

    <script src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.10.4/jquery-ui.min.js"></script>

<style>
#resizable { width: 150px; height: 150px; padding: 0.5em; }
#resizable h3 { text-align: center; margin: 0; }
</style>
<script>
$(function() {
    $( "#resizable" ).resizable();
});
</script>
```

```
</head>

<body>

<div id="resizable" class="ui-widget-content">
  <h3 class="ui-widget-header">Resizable</h3>
</div>
</body>
</html>
```

Droppables: droppable.html

```
<!doctype html>
<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script type="text/javascript" src="jquery.min.js"></script>

    <script type="text/javascript" src="http://ajax.googleapis.com/ajax/
libs/jqueryui/1.10.4/jquery-ui.min.js"></script>

  <style>

    #square {
      height:200px;
      width:200px;
      background-color:grey;
    }

  </style>
```

```
#target {  
    height:300px;  
    width:300px;  
    background-color:yellow;  
}  
  
</style>  
  
</head>  
  
<body>  
  
    <div id="square"></div>  
  
    <div id="target"></div>  
  
<script>  
    $("#square").draggable();  
  
    $("#target").droppable({  
        drop: function(ui, event) {  
            $("#target").css("background-color", "red");  
        }  
    });  
</script>
```

});

</script>

</body>

</html>

Sortables: sortable.html

```
<!doctype html>

<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <link rel="stylesheet" href="http://code.jquery.com/ui/1.10.4/themes/smoothness/jquery-ui.css">

    <script type="text/javascript" src="jquery.min.js"></script>

    <script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.10.4/jquery-ui.min.js"></script>

  <style>
    #square {
      height:200px;
      width:200px;
    }
  
```

```
background-color:grey;  
}  
  
#target {  
    height:300px;  
    width:300px;  
    background-color:yellow;  
}  
  
</style>
```

</head>

<body>


```
<li>Pizza</li>  
<li>Cheese</li>  
<li>Tomatoes</li>  
<li>Chocolate</li>
```


<script>

```
$( "ul" ).sortable();
```

```
</script>
```

```
</body>
```

```
</html>
```

Accordion: accordion.html

```
<!doctype html>

<html>
  <head>
    <title>Learning jQuery</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <link rel="stylesheet" href="http://code.jquery.com/ui/1.10.4/themes/smoothness/jquery-ui.css">

    <script type="text/javascript" src="jquery.min.js"></script>

    <script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.10.4/jquery-ui.min.js"></script>

  <style>
    #square {
      height:200px;
      width:200px;
    }
  
```

```
background-color:grey;  
}  
  
#target {  
    height:300px;  
    width:300px;  
    background-color:yellow;  
}  
  
</style>
```

</head>

<body>

<div id="accordion">

Title

<div>

</div>

<h3>Title</h3>

<div>

```
<p>This is some text. This is some text. This is some text. This  
is some text. This is some text. This is some text. This is some  
text. This is some text. This is some text. This is some text. This is some  
text. This is some text. This is some text. This is some text. This is some  
text. This is some text. This is some text. This is some text. This is some  
text. This is some text. This is some text. </p>
```

</div>

<h3>Title</h3>

<div>

</div>

<h3>Title</h3>

<div>

</div>

<h3>Title</h3>

<div>

```
text. This is some text. This is some text. This is some text. This is some  
text. This is some text. </p>
```

```
</div>
```

```
<h3>Title</h3>
```

```
<div>
```

```
    <p>This is some text. This is some text. This is some text. This  
is some text. This is some text. This is some text. This is some text.  
This is some text. This is some text. This is some text. This is some  
text. This is some text. This is some text. This is some text. This is some  
text. This is some text. This is some text. This is some text. This is some  
text. This is some text. This is some text. </p>
```

```
</div>
```

```
</div>
```

```
<script>
```

```
    $("#accordion").accordion();
```

```
</script>
```

```
</body>
```

```
</html>
```

Project - CodePlayer: codeplayer.html

```
<!doctype html>

<html>

<head>

    <title>CodePlayer</title>

    <meta charset="utf-8" />
    <meta http-equiv="Content-type" content="text/html; charset=utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <script src="http://code.jquery.com/jquery-1.10.2.js"></script>

    <script src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.10.4/jquery-ui.min.js"></script>

<style>

    * {
        font-family: "HelveticaNeue-Light", "Helvetica Neue Light",
        "Helvetica Neue", Helvetica, Arial, "Lucida Grande", sans-serif;
        margin:0;
        padding:0;
    }

    body, html {
```

```
height:100%;  
width:100%;  
}  
  
  
#container {  
height:100%;  
}  
  
  
#titlebar {  
width:100%;  
background-color:#EEEEEE;  
border-bottom:1px solid grey;  
height:40px;  
}  
  
  
#title {  
padding:10px 0 0 20px;  
font-weight:bold;  
float:left;  
}  
  
  
#menu {  
margin:0 auto;  
width:220px;  
padding:5px;  
}
```

```
#menu ul {  
    border:1px solid grey;  
    border-radius:5px;  
    height:30px;  
}  
  
  
#menu li {  
    float:left;  
    list-style:none;  
    border-right:1px solid grey;  
    height:20px;  
    padding:5px 10px;  
}  
  
  
#menu li:hover {  
    background-color:grey;  
}  
  
  
.break {  
    clear:both;  
}  
  
  
.codecontainer {  
    width:50%;  
    float:left;  
    position:relative;  
}
```

```
.code {  
    width:100%;  
    height:100%;  
    border-left: 1px solid grey;  
    -webkit-box-sizing: border-box;  
    -moz-box-sizing: border-box;  
    box-sizing: border-box;  
    padding:10px;  
}  
  
#cssContainer, #jsContainer {  
    display:none;  
}
```

```
.containerTitle {  
    position:absolute;  
    right:20px;  
    top:10px;  
    background-color:#FFF;  
    padding:4px;  
    border:1px solid grey;  
    border-radius:4px;  
}
```

```
.selected {  
    background-color:grey !important;  
}
```

```
#runButton {  
    float:right;  
    margin:5px 20px 0 0;  
}  
  
  
#run {  
    font-size:130%;  
    border-radius:10px;  
    padding:0 10px;  
}  
  
  
#resultFrame {  
    width:100%;  
    height:100%;  
    border:0;  
    border-left:1px solid grey;  
}  
  
  
.resultContainer {  
    height:100%;  
}  
  
  
}  
  
  
textarea {  
    border:none;  
    resize: none;  
    font-family:monotype;  
    font-size:100%;
```

```
        }

    </style>

<script>

$(function() {

    var height=$( window ).height()-40;

    $(".codecontainer").css("height",height+"px");

    $(".selector").click(function() {

        $( this ).toggleClass( "selected" );

        var id=$(this).attr("name");

        $("#" + id + "Container").toggle();

        var number = $('.codecontainer').filter(function() {

            return $(this).css('display') !== 'none';

        }).length;

        var width=100/number;

        $(".codecontainer").css("width",width+"%");

    });

})
```

```
$("#run").click(function() {  
  
    $('#resultFrame').contents().find('html').html("<style>"+$  
(#css').val()+"</style>"+$("#html").val());  
  
    document.getElementById('resultFrame').contentWindow.eval( $  
(#js').val() );  
  
});  
});  
</script>  
</head>  
<body>  
  
<div id="container">  
  
<div id="titlebar">  
  
    <div id="title">  
        CodePlayer  
    </div>  
  
<div id="runButton">  
  
    <button id="run">Run</button>
```

```
</div>

<div id="menu">
    <ul>
        <li class="selector selected" name="html">HTML</li>
        <li class="selector" name="css">CSS</li>
        <li class="selector" name="js">JS</li>
        <li class="selector selected" name="result" style="border-right:none">Result</li>
    </ul>
</div>

</div>

<div class="break"></div>

<div class="codecontainer" id="htmlContainer">
    <span class="containerTitle">HTML</span>
    <textarea class="code" id="html">
<div id="test">sdf</div>
    </textarea>
</div>

<div class="codecontainer" id="cssContainer">
    <span class="containerTitle">CSS</span>
```

```
<textarea class="code" id="css">

#test {
background:green;
}

</textarea>

</div>

<div class="codecontainer" id="jsContainer">

<span class="containerTitle">JS</span>

<textarea class="code" id="js">

alert(7);

</textarea>

</div>

<div class="codecontainer" id="resultContainer">

<span class="containerTitle">Result</span>

<div class="resultContainer">

<iframe id="resultFrame"></iframe>

</div>

</div>

</div>

</body>

</html>
```


The Complete Web Developer Course

#4 jQuery

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jQuery Further Reading

As with most programming languages, the best way to learn jQuery is to start writing code to do something. When you hit something you don't know how to do, just google '[thing you want to do] jquery' and you'll probably find a guide!

Having said that, if you want to read a bit more about jQuery and the functions we've looked at, try these sites:

<http://learn.jquery.com/>

Official jQuery introduction site

<http://oscarotero.com/jquery/>

<http://www.javascripttoolbox.com/jquery/cheatsheet/>

<http://jqapi.ru/>

jQuery Cheat Sheets

<http://www.w3schools.com/jQuery/>

jQuery Tutorial

Bootstrap Hello World: helloworld.html

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5
elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the
page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/
3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
    <![endif]-->
  </head>

  <body>
    <h1>Hello, world!</h1>
```

```
<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"></script>

<!-- Include all compiled plugins (below), or include individual files
as needed -->

<script src="js/bootstrap.min.js"></script>

</body>

</html>
```

Bootstrap Hello World: helloworld.html

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5
elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the
page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/
3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
    <![endif]-->
  </head>

  <body>
    <h1>Hello, world!</h1>
```

```
<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"></script>

<!-- Include all compiled plugins (below), or include individual files
as needed -->

<script src="js/bootstrap.min.js"></script>

</body>

</html>
```

The Grid System: grid.html

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5
elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the
page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/
3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
    <![endif]-->

    <style>
      .box {
```

```
background-color:#d3d3d3

}

</style>

</head>

<body>

<h1>Hello, world!</h1>

<div class="container">

<div class="row">

<div class="col-md-6 box">Content</div>

<div class="col-md-6 box">Content</div>

</div>

</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"></script>

<!-- Include all compiled plugins (below), or include individual files
as needed -->

<script src="js/bootstrap.min.js"></script>
```

</body>

</html>

Navbars: navbars.html

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5
elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the
page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/
3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
    <![endif]-->

    <style>
      .box {
```

```
border:1px solid grey;  
background-color:#d3d3d3;  
  
}  
  
</style>  
</head>  
<body>  
  
<div class="navbar navbar-default">  
  
<div class="container">  
  
<div class="navbar-header">  
  
<a href="" class="navbar-brand">My Website</a>  
  
<button type="button" class="navbar-toggle" data-  
toggle="collapse" data-target=".navbar-collapse">  
  
<span class="sr-only">Toggle navigation</span>  
  
<span class="icon-bar"></span>  
<span class="icon-bar"></span>  
<span class="icon-bar"></span>  
  
</button>
```

```
</div>

<div class="collapse navbar-collapse">

    <ul class="nav navbar-nav">

        <li class="active"><a href="">Page 1</a></li>

        <li><a href="">Page 2</a></li>

        <li><a href="">Page 3</a></li>

    </ul>

</div>

</div>

<h1>Hello, world!</h1>

<div class="container">

    <form class="form-horizontal" role="form">

        <div class="form-group">
```

```
        <label for="email">Email Address</label>
        <input class="form-control" type="email" name="email"
placeholder="Your email" />

    </div>

    <div class="form-group">

        <label for="password">Password</label>
        <input class="form-control" type="password" name="password"
/>

    </div>

    <input type="submit" class="btn btn-warning" value="Login" />

</form>

<table class="table table-striped table-bordered table-hover">

    <tr class="success">
        <th>
            Name
        </th>
        <th>
            Age
        </th>
    </tr>
```

```
</th>

</tr>

<tr>

<td class="danger">

    Rob

</td>

<td>

    33

</td>

</tr>

<tr>

<td>

    Jenny

</td>

<td>

    35

</td>

</tr>

<tr>

<td>

    Rob

</td>

<td>

    33

</td>

</tr>
```

```
<tr>

<td>
Jenny
</td>

<td>
35
</td>

</tr>

<tr>

<td>
Rob
</td>

<td>
33
</td>

</tr>

<tr>

<td>
Jenny
</td>

<td>
35
</td>

</tr>

</table>
```

```
</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"></script>

<!-- Include all compiled plugins (below), or include individual files
as needed -->
<script src="js/bootstrap.min.js"></script>

</body>

</html>
```

Forms And Tables: formsandtables.html

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5
elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the
page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/
3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
    <![endif]-->

    <style>
      .box {
```

```
border:1px solid grey;  
background-color:#d3d3d3;  
  
}  
  
</style>  
</head>  
<body>  
  
<div class="navbar navbar-default">  
  
<div class="container">  
  
<div class="navbar-header">  
  
<a href="" class="navbar-brand">My Website</a>  
  
<button type="button" class="navbar-toggle" data-  
toggle="collapse" data-target=".navbar-collapse">  
  
<span class="sr-only">Toggle navigation</span>  
  
<span class="icon-bar"></span>  
<span class="icon-bar"></span>  
<span class="icon-bar"></span>  
  
</button>
```

```
</div>

<div class="collapse navbar-collapse">

    <ul class="nav navbar-nav">

        <li class="active"><a href="">Page 1</a></li>

        <li><a href="">Page 2</a></li>

        <li><a href="">Page 3</a></li>

    </ul>

</div>

</div>

<h1>Hello, world!</h1>

<div class="container">

    <form class="form-horizontal" role="form">

        <div class="form-group">
```

```
        <label for="email">Email Address</label>
        <input class="form-control" type="email" name="email"
placeholder="Your email" />

    </div>

    <div class="form-group">

        <label for="password">Password</label>
        <input class="form-control" type="password" name="password"
/>

    </div>

    <input type="submit" class="btn btn-warning" value="Login" />

</form>

<table class="table table-striped table-bordered table-hover">

    <tr class="success">
        <th>
            Name
        </th>
        <th>
            Age
        </th>
    </tr>
```

```
</th>

</tr>

<tr>

<td class="danger">

    Rob

</td>

<td>

    33

</td>

</tr>

<tr>

<td>

    Jenny

</td>

<td>

    35

</td>

</tr>

<tr>

<td>

    Rob

</td>

<td>

    33

</td>

</tr>
```

```
<tr>

<td>
Jenny
</td>

<td>
35
</td>

</tr>

<tr>

<td>
Rob
</td>

<td>
33
</td>

</tr>

<tr>

<td>
Jenny
</td>

<td>
35
</td>

</tr>

</table>
```

```
</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) --&gt;
&lt;script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"&gt;&lt;/script&gt;

<!-- Include all compiled plugins (below), or include individual files
as needed --&gt;
&lt;script src="js/bootstrap.min.js"&gt;&lt;/script&gt;

&lt;/body&gt;

&lt;/html&gt;</pre>
```

Bootstrap Components: components.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5
elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the
page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/
3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
    <![endif]-->
  <style>
    .large { font-size:200%;
```

```
        color:red;  
    }  
  
    </head>  
  
<body data-spy="scroll" data-target=".navbar-collapse">  
  
    <div class="navbar navbar-default navbar-fixed-top">  
        <div class="container">  
            <div class="navbar-header">  
                <button class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">  
                    <span class="icon-bar"></span>  
                    <span class="icon-bar"></span>  
                    <span class="icon-bar"></span>  
                </button>  
                <a class="navbar-brand">MyApp</a>  
            </div>  
  
            <div class="collapse navbar-collapse">  
                <ul class="nav navbar-nav">  
                    <li class="active"><a href="#topContainer">Home</a></li>  
                    <li><a href="#details">About</a></li>  
                    <li><a href="#footer">Download The App</a></li>  
                </ul>  
                <form class="navbar-form navbar-right">  
                    <div class="form-group">  
                        <input type="email" placeholder="Email" class="form-control" />  
                    </div>  
                    <div class="form-group">  
                </div>  
            </div>  
        </div>  
    </div>
```

```
        <input type="password" placeholder="Password"
class="form-control" />
    </div>
    <button type="submit" class="btn btn-success">Log In</
button>
</form>

</div>
</div>
</div>

<div class="container">
    <h1>Hello, world!</h1>
    <span class="glyphicon glyphicon-search large"></span>
    <div class="input-group">
        <span class="glyphicon glyphicon-comment input-group-addon"></
span>
        <input class="form-control" type="text" />
    </div>
    <button type="button" class="btn btn-success">
        <span class="glyphicon glyphicon-calendar"></span> Calendar
    </button>
<div class="alert alert-danger alert-dismissible">
    You've done it!
</div>
```

```
<ul class="list-group">
    <li class="list-group-item">Inbox <span class="badge">14</span></li>
    <li class="list-group-item">Sent Items</li>
    <li class="list-group-item">Item 3</li>
    <li class="list-group-item">Item 4</li>
</ul>
</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) --&gt;
&lt;script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"&gt;&lt;/script&gt;
<!-- Include all compiled plugins (below), or include individual files
as needed --&gt;
&lt;script src="js/bootstrap.min.js"&gt;&lt;/script&gt;

&lt;/body&gt;
&lt;/html&gt;</pre>
```

Bootstrap Modals: modals.html

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5
elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the
page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/
3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
    <![endif]-->

    <style>
      .box {
```

```
border:1px solid grey;  
background-color:#d3d3d3;  
  
}  
  
.large {  
font-size:3000%;  
color:red;  
}  
  
#div1 {  
background-color:blue;  
  
}  
  
#div2 {  
background-color:red;  
  
}  
  
#div3 {  
background-color:green;  
  
}  
  
.contentDiv {  
height:800px;  
}
```

```
        </style>

    </head>

<body>

    <div class="container">
        <h1>Hello, world!</h1>
        <!-- Button trigger modal -->
        <button class="btn btn-primary btn-lg" data-toggle="modal" data-target="#myModal">
            Launch demo modal
        </button>

        <!-- Modal -->
        <div class="modal fade" id="myModal" tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <button type="button" class="close" data-dismiss="modal"><span aria-hidden="true">&times;</span><span class="sr-only">Close</span></button>
                    <h4 class="modal-title" id="myModalLabel">Modal title</h4>
                </div>
                <div class="modal-body">
                    ...
                </div>
            </div>
        </div>
    </div>
</body>
```

```
</div>

<div class="modal-footer">
    <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
    <button type="button" class="btn btn-primary">Save changes</button>
</div>
</div>
</div>

</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"></script>
<!-- Include all compiled plugins (below), or include individual files
as needed -->
<script src="js/bootstrap.min.js"></script>
</body>
</html>
```

Scroll Spy: scrollspy.html

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5
elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the
page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/
3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
    <![endif]-->

    <style>
      .box {
```

```
border:1px solid grey;  
background-color:#d3d3d3;  
  
}  
  
.large {  
font-size:3000%;  
color:red;  
}  
  
#div1 {  
background-color:blue;  
  
}  
  
#div2 {  
background-color:red;  
  
}  
  
#div3 {  
background-color:green;  
  
}  
  
.contentDiv {  
height:800px;  
}
```

```
        </style>

    </head>

<body data-spy="scroll" data-target=".navbar-collapse">

<div class="navbar navbar-default navbar-fixed-top">

    <div class="container">

        <div class="navbar-header">

            <a href="" class="navbar-brand">My Website</a>

            <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target=".navbar-collapse">

                <span class="sr-only">Toggle navigation</span>

                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>

            </button>

        </div>

        <div class="collapse navbar-collapse">
```

```
<ul class="nav navbar-nav">

    <li class="active"><a href="#div1">Page 1</a></li>

    <li><a href="#div2">Page 2</a></li>

    <li><a href="#div3">Page 3</a></li>

</ul>

</div>

</div>

</div>

<h1>Hello, world!</h1>

<div class="container">

    <div id="div1" class="contentDiv">Content</div>

    <div id="div2" class="contentDiv">Content</div>

    <div id="div3" class="contentDiv">Content</div>
```

```
</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) --&gt;
&lt;script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"&gt;&lt;/script&gt;

<!-- Include all compiled plugins (below), or include individual files
as needed --&gt;
&lt;script src="js/bootstrap.min.js"&gt;&lt;/script&gt;

&lt;/body&gt;

&lt;/html&gt;</pre>
```

Scroll Spy: scrollspy.html

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5
elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the
page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/
3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
    <![endif]-->

    <style>
      .box {
```

```
border:1px solid grey;  
background-color:#d3d3d3;  
  
}  
  
.large {  
font-size:3000%;  
color:red;  
}  
  
#div1 {  
background-color:blue;  
  
}  
  
#div2 {  
background-color:red;  
  
}  
  
#div3 {  
background-color:green;  
  
}  
  
.contentDiv {  
height:800px;  
}
```

```
        </style>

    </head>

<body data-spy="scroll" data-target=".navbar-collapse">

<div class="navbar navbar-default navbar-fixed-top">

    <div class="container">

        <div class="navbar-header">

            <a href="" class="navbar-brand">My Website</a>

            <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target=".navbar-collapse">

                <span class="sr-only">Toggle navigation</span>

                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>

            </button>

        </div>

        <div class="collapse navbar-collapse">
```

```
<ul class="nav navbar-nav">

    <li class="active"><a href="#div1">Page 1</a></li>

    <li><a href="#div2">Page 2</a></li>

    <li><a href="#div3">Page 3</a></li>

</ul>

</div>

</div>

</div>

<h1>Hello, world!</h1>

<div class="container">

    <div id="div1" class="contentDiv">Content</div>

    <div id="div2" class="contentDiv">Content</div>

    <div id="div3" class="contentDiv">Content</div>
```

```
</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) --&gt;
&lt;script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"&gt;&lt;/script&gt;

<!-- Include all compiled plugins (below), or include individual files
as needed --&gt;
&lt;script src="js/bootstrap.min.js"&gt;&lt;/script&gt;

&lt;/body&gt;

&lt;/html&gt;</pre>
```

Project - App Landing Page: landingpage.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap 101 Template</title>

    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media
queries -->
    <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
    <!--[if lt IE 9]>
      <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
      <script src="https://oss.maxcdn.com/libs/respond.js/1.4.2/
respond.min.js"></script>
    <![endif]-->

    <style>
      .navbar-brand {
```

```
    font-size:1.8em;  
}  
  
  
#topContainer {  
background-image:url("background.jpg");  
height:400px;  
width:100%;  
background-size:cover;  
}  
  
  
#topRow {  
margin-top:100px;  
text-align:center;  
}  
  
  
#topRow h1 {  
font-size:300%;  
}  
  
  
#emailSignup {  
margin-top:50px;  
}  
  
  
.bold {  
font-weight:bold;  
}  
  
  
.marginTop {
```

```
    margin-top:30px;  
}  
  
.center {  
    text-align:center;  
}  
  
.title {  
    margin-top:100px;  
    font-size:300%;  
}  
  
#footer {  
    background-color:#B0D1FB;  
    padding-top:70px;  
    width:100%;  
}  
  
.marginBottom {  
    margin-bottom:30px;  
}  
.appstoreImage {  
    width:250px;  
}  
  
</style>  
</head>  
  
<body data-spy="scroll" data-target=".navbar-collapse">
```

```
<div class="navbar navbar-default navbar-fixed-top">
  <div class="container">
    <div class="navbar-header">
      <button class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand">MyApp</a>
    </div>

    <div class="collapse navbar-collapse">
      <ul class="nav navbar-nav">
        <li class="active"><a href="#topContainer">Home</a></li>
        <li><a href="#details">About</a></li>
        <li><a href="#footer">Download The App</a></li>
      </ul>
      <form class="navbar-form navbar-right">
        <div class="form-group">
          <input type="email" placeholder="Email" class="form-control" />
        </div>
        <div class="form-group">
          <input type="password" placeholder="Password" class="form-control" />
        </div>
        <button type="submit" class="btn btn-success">Log In</button>
      </form>
    </div>
  </div>
</div>
```

```
</div>

</div>

</div>

<div class="container contentContainer" id="topContainer">

<div class="row">

    <div class="col-md-6 col-md-offset-3" id="topRow">

        <h1 class="marginTop">My Awesome App</h1>

        <p class="lead">This is why should download this fantastic app.</p>

        <p>Some more information about the app. You can go into a little more detail here if you want to.</p>

        <p class="bold marginTop">Interested? Join our mailing list!</p>

        <form class="marginTop">

            <div class="input-group">
                <span class="input-group-addon">@</span>
                <input type="email" class="form-control" placeholder="Your email" />
            </div>
        </form>
    </div>
</div>
</div>
```

```
        </div>

        <input type="submit" class="btn btn-success btn-lg
marginTop" />

    </form>

</div>

</div>

</div>

<div class="container contentContainer" id="details">

    <div class="row" class="center">

        <h1 class="center title">Why This App Is Awesome</h1>
        <p class="lead center">Summary of the app's awesomeness</p>

    </div>
```

```
<div class="row marginBottom">

    <div class="col-md-4 marginTop">
        <h2><span class="glyphicon glyphicon-music"></span> Header</h2>
        <p>A brief description of one of the best features of your app.  
Maybe a little more text. A brief description of one of the best features of  
your app. Maybe a little more text.</p>
        <button class="btn btn-success marginTop">Sign Up!</button>
    </div>

    <div class="col-md-4 marginTop">
        <h2><span class="glyphicon glyphicon-off"></span> Header</h2>
        <p>A brief description of one of the best features of your app.  
Maybe a little more text. A brief description of one of the best features of  
your app. Maybe a little more text.</p>
        <button class="btn btn-success marginTop">Sign Up!</button>
    </div>

    <div class="col-md-4 marginTop">
        <h2><span class="glyphicon glyphicon-pencil"></span> Header</h2>
        <p>A brief description of one of the best features of your app.  
Maybe a little more text. A brief description of one of the best features of  
your app. Maybe a little more text.</p>
        <button class="btn btn-success marginTop">Sign Up!</button>
    </div>

</div>
```

```
</div>

<div class="container contentContainer" id="footer">

    <div class="row">

        <h1 class="center title">Download The App!</h1>

        <p class="lead center">Really, why should I download this app?</p>

        <p class="center">

    </div>

</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"></script>

<!-- Include all compiled plugins (below), or include individual files as
needed -->
<script src="js/bootstrap.min.js"></script>

<script>

    $(".contentContainer").css("min-height",$(window).height());


```

```
</script>
```

```
</body>
```

```
</html>
```

The Complete Web Developer Course

#5 Bootstrap

Tutor: Rob Percival

@techedrob
rob@robpercival.co.uk

Bootstrap Further Reading

The main site to go to for Bootstrap information is the official one: getbootstrap.com.

However, you can find some further resources below.

<http://www.w3resource.com/twitter-bootstrap/tutorial.php>

Nice Bootstrap Tutorial

<http://creativealive.com/master-cheat-sheet-twitter-bootstrap-3-pdf-download/>

https://dresssed.s3.amazonaws.com/bootstrap_cheatsheet.pdf

Bootstrap Cheat Sheets

<https://wrapbootstrap.com/>

<http://bootswatch.com/>

<http://startbootstrap.com/>

<http://bootstrapzero.com/>

Bootstrap Themes (free and paid)

The Complete Web Developer Course

#6 Wordpress

Tutor: Rob Percival

@techedrob
rob@robpercival.co.uk

PHP Further Reading

The official Wordpress site is www.wordpress.org.

You can find some great additional resources below.

<http://easywpguide.com/>

Introductory Guide

<http://www.simplybusiness.co.uk/microsites/wordpress-for-small-businesses/>

Great Guide On Using Wordpress For Business

<http://wordpress.org/themes/>

<http://www.elegantthemes.com/>

<http://themeforest.net/category/wordpress>

<http://www.templatemonster.com/wordpress-themes.php>

Wordpress Themes (free and paid)

<http://www.woothemes.com/woocommerce/>

Great Ecommerce Plugin

<http://theme.co/x/>

The X theme we looked at in the course

Hello World - helloworld.php

```
<?php  
echo "This is PHP";  
?>
```

Variables with PHP: variables.php

```
<?php

$myArray=array("pizza", "chocolate", "coffee");

print_r($myArray);

echo $myArray[5];

echo "<br /><br />";

$anotherArray[0]="pizza";
$anotherArray[1]="yoghurt";

print_r($anotherArray);

echo "<br /><br />";

$thirdArray=array(
    "France" => "French",
    "USA" => "English",
    "Germany" => "German"
```

```
 );  
  
print_r($thirdArray);  
  
$anotherArray[]="salad";  
  
echo "<br /><br />";  
  
print_r($anotherArray);  
  
echo "<br /><br />";  
  
unset($thirdArray["Germany"]);  
  
print_r($thirdArray);  
  
echo "<br /><br />";  
  
$name="Rob";  
  
unset($name);  
  
echo $name;  
  
?>
```

For Loops with PHP: forloops.php

```
<?php

$array=array("cat", "dog", "turtle", "kangaroo");

foreach ($array as $key => $value) {

    echo "Key: $key Value: $value <br />";

}

/*
for ($i=500; $i>=100; $i=$i-5) {

    echo $i."<br />";

}

*/
?>
```

Sending Email: sendingemail.php

```
<!doctype html>
<html>
<head>
<title>My First Webpage</title>

<meta charset="utf-8" />
<meta http-equiv="Content-type" content="text/html; charset=utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />

</head>

<body>
<div>

<?php

$emailTo="";
$subject="I hope this works!";
$body="I think you're great";
$headers="From: rob@robpercival.co.uk";

if (mail($emailTo, $subject, $body, $headers)) {

echo "Mail sent successfully!";



```

```
    } else {  
  
        echo "Mail not sent!";  
  
    }  
  
?  
  
</div>  
</body>  
</html>
```

GET Variables: getvariables.php

```
<!doctype html>
<html>
<head>
<title>My First Webpage</title>

<meta charset="utf-8" />
<meta http-equiv="Content-type" content="text/html; charset=utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />

</head>

<body>
<div>

<?php

if ($_GET["submit"]) {

    if ($_GET["name"]) {

        echo "Your name is ".$_GET['name'];

    } else {


```

```
echo "Please enter your name";  
  
}  
  
}  
  
?>  
  
<form>  
  
<label for="name">Name</label>  
<input name="name" type="text" />  
  
<input type="submit" name="submit" value="Submit Your Name" />  
  
</form>  
  
</div>  
</body>  
</html>
```

Contact Form: contactform.php

```
<?php

if ($_POST["submit"]) {

    if (!$_POST['name']) {
        $error=<br />Please enter your name";

    }

    if (!$_POST['email']) {
        $error.=<br />Please enter your email address";

    }

    if (!$_POST['comment']) {
        $error.=<br />Please enter a comment";

    }
}
```

```
if ($_POST['email']!="" AND !filter_var($_POST['email'],  
FILTER_VALIDATE_EMAIL)) {  
  
    $error.="<br />Please enter a valid email address";  
  
}  
  
if ($error) {  
  
    $result='<div class="alert alert-danger"><strong>There were error(s)  
in your form:</strong>'.$error.'</div>';  
  
} else {  
  
    if (mail("test@greenhost.org.uk", "Comment from website!", "Name: ".  
$_POST['name']."  
  
Email: ".$_POST['email']."'".  
  
Comment: ".$_POST['comment'])) {  
  
    $result='<div class="alert alert-success"><strong>Thank  
you!</strong> I'll be in touch.</div>';  
  
}  
  
} else {  
  
    $result='<div class="alert alert-danger">Sorry, there was  
an error sending your message. Please try again later.</div>';  
  
}  
}
```

```
    }

}

?>

<!doctype html>
<html>
<head>
<title>My First Webpage</title>

<meta charset="utf-8" />
<meta http-equiv="Content-type" content="text/html; charset=utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />

<!-- Latest compiled and minified CSS -->
<link rel="stylesheet" href="//netdna.bootstrapcdn.com/bootstrap/3.1.1/css/
bootstrap.min.css">

<!-- Optional theme -->
<link rel="stylesheet" href="//netdna.bootstrapcdn.com/bootstrap/3.1.1/css/
bootstrap-theme.min.css">

<style>
```

```
.emailForm {  
border:1px solid grey;  
border-radius:10px;  
margin-top:20px;  
}  
  
form {  
padding-bottom:20px;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div class="container">  
  
<div class="row">  
  
<div class="col-md-6 col-md-offset-3 emailForm">  
<h1>My email form</h1>
```

```
<?php echo $result; ?>

<p class="lead">Please get in touch - I'll get back to you as soon as I can.</p>

<form method="post">

<div class="form-group">

<label for="name">Your Name:</label>
<input type="text" name="name" class="form-control" placeholder="Your Name"
value="<?php echo $_POST['name']; ?>" />

</div>

<div class="form-group">

<label for="email">Your Email:</label>
<input type="email" name="email" class="form-control" placeholder="Your Email"
value="<?php echo $_POST['email']; ?>" />

</div>

<div class="form-group">

<label for="comment">Your Comment:</label>
<textarea class="form-control" name="comment"><?php echo $_POST['comment']; ?></
textarea>
```

```
</div>
```

```
<input type="submit" name="submit" class="btn btn-success btn-lg" value="Submit"
/>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<!-- Latest compiled and minified JavaScript -->
```

```
<script src="//netdna.bootstrapcdn.com/bootstrap/3.1.1/js/bootstrap.min.js"></
script>
```

```
</body>
```

```
</html>
```

Weather Predictor:

weatherpredictor.php

```
<!doctype html>

<html>
<head>
<title>My First Webpage</title>

<meta charset="utf-8" />
<meta http-equiv="Content-type" content="text/html; charset=utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />

<!-- Latest compiled and minified CSS -->
<link rel="stylesheet" href="//netdna.bootstrapcdn.com/bootstrap/3.1.1/css/
bootstrap.min.css">

<!-- Optional theme -->
<link rel="stylesheet" href="//netdna.bootstrapcdn.com/bootstrap/3.1.1/css/
bootstrap-theme.min.css">

<style>

html, body {
height:100%;
}
```

```
.container {  
background-image:url("background.jpg");  
width:100%;  
height:100%;  
background-size:cover;  
background-position:center;  
padding-top:100px;  
}
```

```
.center {  
text-align:center;  
}
```

```
.white {  
color:white;  
}
```

```
p {  
padding-top:15px;  
padding-bottom:15px;  
}
```

```
button {  
margin-top:20px;  
margin-bottom:20px;  
}
```

```
.alert {  
    margin-top:20px;  
    display:none;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div class="container">  
  
<div class="row">  
  
<div class="col-md-6 col-md-offset-3 center">  
  
<h1 class="center white">Weather Predictor</h1>  
  
<p class="lead center white">Enter your city below to get a forecast for the  
weather.</p>  
  
<form>  
  
<div class="form-group">  
  
<input type="text" class="form-control" name="city" id="city" placeholder="Eg.  
London, Paris, San Francisco..." />
```

```
</div>
```

```
<button id="findMyWeather" class="btn btn-success btn-lg">Find My Weather</button>
```

```
</form>
```

```
<div id="success" class="alert alert-success">Success!</div>
```

```
<div id="fail" class="alert alert-danger">Could not find weather data for that city. Please try again.</div>
```

```
<div id="noCity" class="alert alert-danger">Please enter a city!</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<script src="//code.jquery.com/jquery-1.11.0.min.js"></script>

<!-- Latest compiled and minified JavaScript -->
<script src="//netdna.bootstrapcdn.com/bootstrap/3.1.1/js/bootstrap.min.js"></script>

<script>

$( "#findMyWeather" ).click(function(event) {

    event.preventDefault();

    $(".alert").hide();

    if ($("#city").val()!="") {

        $.get("scraper.php?city="+$("#city").val(),
function( data ) {

        if (data=="") {

            $("#fail").fadeIn();

        } else {

            $("#result").html(data);

        }

    }

}

}

)


```

```
        } else {  
  
            $("#success").html(data).fadeIn();  
  
        }  
  
    });  
  
} else {  
  
    $("#noCity").fadeIn();  
  
}  
  
});  
  
</script>  
  
</body>  
</html>
```

The Complete Web Developer Course

#7 PHP

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PHP Further Reading

php.net is the official PHP website, and <http://www.php.net/manual/en/> is a good starting point for research (although just building a site of your own is better!).

Here's some more info.

<http://overapi.com/php/>

<https://www.addedbytes.com/cheat-sheets/php-cheat-sheet/>

PHP Cheat Sheets

<http://www.php.net/manual/en/history.php.php>

The History Of PHP

<http://www.homeandlearn.co.uk/php/php1p2.html>

<http://php.about.com/od/learnphp/a/Getting-Started-With-Php.htm>

PHP Introductory Guides

Connecting To A Database: connecting.php

```
<?php
```

```
    $link = mysqli_connect("localhost", "cl20-exampledB", "K7.7grb-Y", "cl20-  
    exampledB");
```

```
    if (mysqli_connect_error()) {
```

```
        die("Could not connect to database");
```

```
}
```

```
?>
```

Retrieving Data From A Database: retrieving.php

```
<?php
```

```
$link = mysqli_connect("localhost", "cl20-exampledb", "K7.7grb-Y", "cl20-
exampledb");

if (mysqli_connect_error()) {

    die("Could not connect to database");

}

$query = "SELECT * FROM users";

if ($result=mysqli_query($link, $query)) {

    $row = mysqli_fetch_array($result);

    print_r($row);

}
```

```
 } else {  
  
    echo "It failed";  
  
}  
  
?  
?
```

?>

Retrieving Data From A Database: retrieving.php

```
<?php
```

```
$link = mysqli_connect("localhost", "cl20-exampledB", "K7.7grb-Y", "cl20-  
exampledB");
```

```
if (mysqli_connect_error()) {
```

```
    die("Could not connect to database");
```

```
}
```

```
// $query = "INSERT INTO `users` (`name`, `email`, `password`)  
VALUES('Beth', 'beth@gmail.com', 'apples')";
```

```
$query="UPDATE `users` SET `name`='Bethany' WHERE `id`=5 LIMIT 1";
```

```
mysqli_query($link, $query);
```

?>

Retrieving Data From A Database: retrieving.php

```
<?php
```

```
$link = mysqli_connect("localhost", "cl20-exampledB", "K7.7grb-Y", "cl20-
exampledB");

if (mysqli_connect_error()) {

    die("Could not connect to database");

}

$query = "SELECT * FROM users";

if ($result=mysqli_query($link, $query)) {

    while ($row = mysqli_fetch_array($result)) {

        print_r($row);

    }

} else {
```

```
echo "It failed";  
}  
  
?>
```

Cookies: cookies.php

```
<?php  
  
//setcookie("id", "", time()+3600;  
  
setcookie("id", "", time()-3600;  
  
echo $_COOKIE['id'];  
  
?>
```

Storing Passwords Securely: passwords.php

```
<?php  
  
echo md5(md5($row['id'])."password");  
  
?>
```

Project - Secret Diary: diary.php

```
<?
```

```
session_start();
```

```
include("connection.php");
```

```
$query="SELECT diary FROM users WHERE id='". $_SESSION['id']."' LIMIT 1";
```

```
$result = mysqli_query($link, $query);
```

```
$row = mysqli_fetch_array($result);
```

```
$diary = $row['diary'];
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
 <head>
```

```
   <meta charset="utf-8">
```

```
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
   <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
   <title>Secret Diary</title>
```

```
<!-- Bootstrap -->

<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->

<!-- WARNING: Respond.js doesn't work if you view the page via file:// -->

<!--[if lt IE 9]>

    <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>

    <script src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>

<![endif]-->

<style>

.navbar-brand {

    font-size:1.8em;

}

#topContainer {

    background-image:url("background.jpg");

    height:400px;

    width:100%;

    background-size:cover;

}

#topRow {

    margin-top:80px;
```

```
    text-align:center;
```

```
}
```

```
#topRow h1 {
```

```
    font-size:300%;
```

```
}
```

```
#emailSignup {
```

```
    margin-top:50px;
```

```
}
```

```
.bold {
```

```
    font-weight:bold;
```

```
}
```

```
.marginTop {
```

```
    margin-top:30px;
```

```
}
```

```
.center {
```

```
    text-align:center;
```

```
}
```

```
.title {
```

```
    margin-top:100px;
```

```
    font-size:300%;
```

```
}
```

```
#footer {  
    background-color:#B0D1FB;  
    padding-top:70px;  
    width:100%;  
}  
  
.marginBottom {  
    margin-bottom:30px;  
}  
.appstoreImage {  
    width:250px;  
}  
</style>  
</head>  
  
<body data-spy="scroll" data-target=".navbar-collapse">  
  
<div class="navbar navbar-default navbar-fixed-top">  
    <div class="container">  
        <div class="navbar-header pull-left">  
            <a class="navbar-brand">Secret Diary</a>  
        </div>  
  
        <div class="pull-right">  
            <ul class="navbar-nav nav pull-right">  
                <li><a href="index.php?logout=1">Log Out</a></li>  
            </ul>  
    </div>  
</div>
```

```
        </div>
    </div>
</div>

<div class="container contentContainer" id="topContainer">

    <div class="row">

        <div class="col-md-6 col-md-offset-3" id="topRow">

            <textarea class="form-control"><?php echo $diary; ?></
textarea>

        </div>

    </div>

</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/
jquery.min.js"></script>
```

```
<!-- Include all compiled plugins (below), or include individual files as
needed -->

<script src="js/bootstrap.min.js"></script>

<script>

$(".contentContainer").css("min-height",$(window).height());

$("textarea").css("height",$(window).height()-110);

$("textarea").keyup(function() {

    $.post("updatediary.php", {diary:$("textarea").val()} );

});

</script>

</body>
</html>
```