**Exercise: Working with HTML 5 and CSS**

**Scenario**

In this exercise you will be required to complete and analyze the following CSS and HTML 5 code.

**CSS: ssStyles.css**

html {

height: 100%;

}

body {

margin:0;

padding:0;

font-family: Verdana, Geneva, sans-serif;

}

a {

text-decoration:none;

}

#main{

background-color:#000;

}

#main h1 {

padding: 5px 10px;

margin:0;

}

#main h1 a {

color:red;

}

body, ul {

padding: 0px;

margin: 0px;

}

#navigation li, #navigation a {

display:inline-block;

}

#navigation a{

color:#000;

padding: 10px 15px;

}

#navigation {

text-align:left;

background-color: lightgray;

border-bottom:1px solid gray;

}

#navigation a:hover {

background-color: lightyellow;

}

#section {

width:90%;

margin:0 auto;

margin-bottom: 60px;

}

**MISSSING\_CODE**

.lYellow{

background-color: lightyellow;

}

label{

display:inline-block;

width:150px;

text-align:right;

}

button{

margin-left:155px;

margin-top:10px;

}

**HTML: aboutus.html**

< **MISSING\_CODE 1**>

<html>

<head>

**MISSING\_CODE 2**

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

**MISSING\_CODE 3**

</head>

<body>

<div id="main">

<h1><a href="index.html">SS Weight Tracker</a></h1>

</div>

<div id="navigation">

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="enterdata.html">Enter Data</a></li>

<li><a href="singlerecord.html">My Records</a></li>

<li><a href="teamrecords.html">Team Records</a></li>

<li><a href="#">Winner/Loser</a></li>

</ul>

</div>

<div **MISSING\_CODE 4**>

<h2>About The Tracker</h2>

<p>A simple CRUD API using the MEAN stack. <br/>

Collects a user name and weight to a Mongodb collection. <br/>

User can then use the data to calculate things like who lost the most weight, <br/>

who gained the most weight in December and overall winner/loser.

</p>

</div>

<div **MISSING\_CODE 5**>

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</div>

</body>

</html>

**Exercise**

| **Task list** | |
| --- | --- |
| **Number** | **Instructions** |
| **1** | In the style sheet, define a style for an ID named "aboutsection" that mirrors the "section" style definition. However, in the new style set the font color to blue and the background to light gray. |
| **2** | In the "aboutus.html" file, complete the code to properly set the document type of the file. |
| **3** | In the "aboutus.html" file, complete the code to set the title of the page to "SS Weight Tracker". |
| **4** | In the "aboutus.html" file, use an external stylesheet in your page that is located in  "styles/ssStyles.css" |
| **5** | In the "aboutus.html" file, complete the code to properly format the About section of the page |

**Exercise: Working with HTML 5 and CSS**

**Solution**

| **Checkpoints** | |
| --- | --- |
| **Number** | **Details** |
| **1** | The code required to create a new style with the proper formatting is:  #aboutsection {   width:90%;   margin:0 auto;  margin-bottom: 60px;  background-color: lightgray;  color: blue; } |
| **2** | To set the proper document type we use:  <!DOCTYPE HTML>  This indicates to the browser that the page it is about to load is using HTML5. This ensures that different browsers will parse the page in the same way. |
| **3** | To complete the code to set the title for the page use:  <title>SS Weight Tracker</title>  Recall that whatever text we have between the <title> tags will appear in the title bar of the browser. |
| **4** | To link to an external stylesheet use  <link rel="stylesheet" type="text/css" href="styles/ssStyles.css" />  Using an external stylesheet provides several advantages. Namely:   * We can use a single file for our entire site * We only need to make changes in one place and the page will update automatically * Makes larger websites easier to maintain * Once the CSS file is cached, page loads will be faster |
| **5** | We use the id attribute to specify a style to be used with a certain tag.  <div id="aboutsection">  The id attribute is considered to be unique to this specific <div> tag and also allows us to use JavaScript to refer to this specific element on the page. |