

```

<!--
15/06/2019: lesson 2
This tutorial reviewed some of the things introduced last week for the sake of newcomers
and went on to discuss some new concepts/html elements
In summary, these are the things covered so far:
1. HTML Tags, attributes and elements
2. HTML basic structure
3. Case insensitivity of html elements: By this <H1></H1> works the same as <h1></h1>
4. HTML Conventions: commenting, indentation, use of lower case for tag/element names
5. Browser white space insensitivity and how to overcome it
6. Inserting images
7. Creating lists
8. Creating tables
9. Creating forms

-->
<!DOCTYPE html>
<html>
  <head>
    <!-- place some important elements here for the browser -->
    <title>lesson 2</title>
  </head>
  <body>
    <!-- using some common html tags-->
    <!-- Header Tags -->
    <h1 TITLE="HEADER 1">Title 1</h1>
    <h2>Title 2</h2>
    <h6>Title 6</h6>

    <!-- creating paragraphs -->
    <p>
      This is the first line of this paragraph<br> <!--br tag helps insert new lines-->
      This is the second line
    </p>
    <p>
      This is the first line of this paragraph<br><br>
      This is the second line
    </p>

    <!-- using divisions and other block elements -->
    <div>
      here is the content of my first division tag
    </div>
    <!--these tags here and others called semantic tags work pretty much the same as the
div tag-->
    <nav>For navigation items</nav>
    <section>creates different sections on the page </section>
    <footer>the footer of the page goes here</footer>

    <!-- Inserting images

```

```
Specify path including image name and the extension depending on the image
format
Common extensions/formats include jpg, png, ico
-->

<!--when the image file resides in the same directory/folder as the html file-->


<!-- when the image resides in a subfolder one level up -->
<!--the alt attribute is used to provide an alternative text for display when the
image fails to load-->


<!--navigating through more subfolders to access image-->


<!-- controlling image dimension -->


<!-- providing image tooltip. to see the tooltip, hover over the image-->


<!-- creating lists -->

<!-- Ordered/numbered list -->
<h3>Group Members</h3>
<ol>
    <li>Kofi</li>
    <li>Ama</li>
    <li>George</li>
</ol>

<!-- bulleted list -->
<h3>List of fruits</h3>
<ul>
    <li>Apple</li>
    <li>Mango</li>
    <li>Orange</li>
</ul>

<!-- creating tables -->
<h2>Default Table Display</h2>
<table>
    <tr>
        <th>Name</th>
        <th>Age</th>
        <th>Gender</th>
        <th>Marrital Status</th>
    </tr>
```

```

<tr>
  <td>William Agyapong</td>
  <td>25</td>
  <td>male</td>
  <td>Married</td>
</tr>
<tr>
  <td>Kofi</td>
  <td>19</td>
  <td>Male</td>
  <td>Single</td>
</tr>
<tr>
</table>

```

<!--Declaring table borders and merging cells-->

<h2>Table with borders</h2>

```

<table border="1">
  <tr>
    <th>Name</th>
    <th>Age</th>
    <th>Gender</th>
    <th>Marrital Status</th>
  </tr>
  <tr>
    <td>William Agyapong</td>
    <td>25</td>
    <td>male</td>
    <td>Married</td>
  </tr>
  <tr>
    <td>Kofi</td>
    <td>19</td>
    <td>Male</td>
    <td>Single</td>
  </tr>
  <tr>
    <td colspan="3">Total</td><!-- merge 3 cells across table columns-->
    <td>450</td>
  </tr>
  <tr>
    <td>sadf</td>
    <td>dsf</td>
    <td rowspan="2">1</td><!--merge 2 cells across table rows-->
    <td>fsf</td>
  </tr>
  <tr>
    <td>assad</td>
    <td>sdfs</td>

```

```

        <!-- <td>2</td> --> <!--rowspan above includes this cell in the merge, hence,
no need for this cell-->
        <td></td>
    </tr>
    <tr>
        <td>sdf</td>
        <td>fd</td>
        <td>ff</td>
        <td>df</td>
    </tr>
</table>

<!--adding padding to table cells and removing cell spacing-->
<h2>Table with more padding and no cell spacing </h2>
<table border="1" cellspacing="0" cellpadding="10">
    <tr>
        <th>Name</th>
        <th>Age</th>
        <th>Gender</th>
        <th>Marrital Status</th>
    </tr>
    <tr>
        <td>William Agyapong</td>
        <td>25</td>
        <td>male</td>
        <td>Married</td>
    </tr>
    <tr>
        <td>Kofi</td>
        <td>19</td>
        <td>Male</td>
        <td>Single</td>
    </tr>
</table>

<!-- creating forms to collect user inputs -->
<h2>Form Fields</h2>
<form action="">
    <input type="text" placeholder="this is a text field"><br><br> <!-- creates text
field-->
    <input type="password" placeholder="this a password field"><br> <br><!-- creates
a password field-->
    <input type="date"><br><br> <!--creates a date pallet-->
    Check all that apply<br><br>
    <span>Soccer</span><input type="checkbox">
    <span>Basketball</span><input type="checkbox">
    <span>Cricket</span><input type="checkbox"> <br><br>
    Gender: <input type="radio" name="gender">Male <input type="radio" name="gender">
Female <br><br> <!--the same name attribute value is required to link the 2 radio buttons-->
    <input type="submit" value="Login"> OR <!-- creates a submit button-->

```

```
<button>Register</button> <!--works like input control with the submit type-->

<!--nesting tables in forms-->
<br><br>
<table>
  <tr>
    <td><input type="submit" value="9"></td>
    <td><input type="submit" value="8"></td>
    <td><button>8</button></td> <!--alternative submit button-->
    <td><button>7</button></td> <!--alternative submit button-->
  </tr>
</table>
</form>
</body>
</html>
```