



FEDERAL UNIVERSITY DUTSE

FACULTY OF COMPUTING

COURSE CODE: CSC 211

COURSE TITLE: INTRODUCTION TO WEB PROGRAMMING 1

DEPARTMENT OF COMPUTER SCIENCE

HTML ASSIGNMENT

BY

NAME:

MUKHTAR TIJJANI MIQDAD

REG NO.:

FCP/CSC/19/1082

(1) Input / Question:

Report Solution

Create a static web page which defines all text formatting tags of HTML in tabular format

Output / Answer

Code

```
<html>
<body>
<center>
<table border=1>
<caption align="top"><font size="+2" color="red">Text
Formatting Tags</font>
</caption>
<tr>
<th>HTML Tag</th>
<th>Output</th>
</tr>
<tr>
<td>normal text</td>
<td>hello world</td>
</tr>
<tr>
<td>Font & its attributes</td>
<td><FONT SIZE="+2" COLOR="#RRGGBB"> hello world
</FONT></td>
</tr>
<tr>
<td>&lt;B&gt;</td>
<td><B> Bold </B></td>
</tr>
<tr>
<td>&lt;I&gt;</td>
<td><I> Italic </I></td>
</tr>
<tr>
<td>&lt;U&gt;</td>
<td><U> Underline </U></td>
</tr>
<tr>
<td>&lt;EM&gt;</td>
<td><EM> Emphasis </EM></td>
</tr>
<tr>
<td>&lt;STRONG&gt;</td>
<td><STRONG> STRONG </STRONG></td>
</tr>
```

```

<tr>
<td>&lt;TELETYPE&gt;</td>
<td><TT> TELETYPE </TT></td>
</tr>
<tr>
<td>&lt;CITE&gt;</td>
<td><CITE> Citation </CITE></td>
</tr>
<tr>
<td>&lt;STRIKE&gt;</td>
<td><STRIKE> strike-through text </STRIKE></td>
</tr>

```

```

<tr>
<td>&lt;BIG&gt;</td>
<td><BIG> text in a big font </BIG></td>
</tr>
<tr>
<td>&lt;SMALL&gt;</td>
<td><SMALL> text in a small font <SMALL></td>
</tr>
<tr>
<td>&lt;SUB&gt;</td>
<td>a<SUB> b </SUB></td>
</tr>
<tr>
<td>&lt;SUP&gt;</td>
<td>a<SUP> b</SUP></td>
</tr>
</table>
</body>
</html>

```

Q2. Create a static web page which defines all text formatting tags of HTML in tabular format.

```

<!DOCTYPE html>
<html>
<body>
  <style>
    table,th,td{
      border-collapse: collapse;
    }
  </style>
  <title>HTML tags</title>
  <table border="1">
    <tr>
      <th>HTML Tags</th>
      <th>Output</th>
    </tr>
    <tr>

```

<td></td>
<td> Bold </td>
</tr>
<tr>
<td><I></td>
<td><i>Italic</i></td>
</tr>
<tr>
<td><U></td>
<td><u>Unaderline</u></td>
<tr>
<td></td>
<td>Emphasize</td>
</tr>
<tr>
<td><P></td>
<td><p> paragraph </p></td>
</tr>
<tr>
<td></td>
<td>ordered list</td>
</tr>
<tr>
<td></td>
<td> unordered list </td>
</tr>
<tr>
<td><dl></td>
<td><dl>descriptive list</dl></td>
</tr>
<tr>
<td></td>
<td>image</td>
<tr>
<td><a></td>
<td><a>ancle</td>
</tr>
</tr>
</table>

</body>

</html>

Q3. Create a webpage using list tags of HTML.

<!DOCTYPE html>

<html>

<head>

<title>ordered list</title>

</head>

<body>

```

<ol>
  <li>html</li>
  <li>css</li>
  <li>java script</li>
</ol>
</body>
</html>
<head>
  <title>unordered list</title>
</head>
<body>
  <ul>
    <li>html</li>
    <li>css</li>
    <li>java script</li>
  </ul>
</body>
<head>
  <title>description list</title>
  <dl>
    <li>html</li>
    <li>css</li>
    <li>java script</li>
  </dl>
</head>

```

Q4. Create webpage to include image using HTML tag.

```

<!DOCTYPE html>
<html>
<body>
  8
</body>
</html>

```

Q5. Create employee registration webpage using HTML form objects.

```

<!DOCTYPE html>
<html>
  <style>
    input[type="submit"]{
      border: 1px solid black;
      color:white;
      background-color: brown;
    }
  </style>
<h2 style="background-color:dodgerblue"></h2>
<body bgcolor="grey">
  
  <br>
  <h1>EMPLOYEE REGISTRATION FORM</h1>
  <form>

```

```
<label>firstname:</label>
<br>
<input type="text" name="firstname" size="20" />
<br>
<label>middlename:</label>
<br>
<input type="text" name="middlename" size="20" />
<br>
<label>lastname:</label>
<br>
<input type="text" name="lastname" size="20" />
<br>
<label>Gender</label>
<br>
<input type="checkbox" name="male"> Male <br>
<input type="checkbox" name="female"> Female <br>
<label>Phone no:</label>
<br>
<input type="text" name="country code" value="+234" size="5" />
<input type="text" name="phone" size="20" />
<br>
<label>Language known</label>
<br>
<input type="checkbox" name="English">English
<br>
<input type="checkbox" name="Hausa">Hausa
<br>
<input type="checkbox" name="Turkish">Turkish
<br>
<input type="checkbox" name="French">French
<br>
<label>Adress</label>
<br>
<textarea cols="50" rows="" value="address">
</textarea>
<br>
<label>upload a file</label>
<br>
<input type="file" id="myFile" name="filename">
<br>
<label>Email Address</label>
<br>
<input type="email" id="email" name="email" size="50" />
<br>
<input type="submit" value="Submit" />
</form>
</body>
</html>
```

Q6. Create an HTML file (e.g. first_page.html) that specifies a page that contains a heading and two paragraphs of text. Use the HTML tags <h1>, </h1>, <p> and </p> in this exercise. As the texts in the heading and paragraphs you can use any texts you like.

* Add an unordered list to this web page. An unordered list should look like the following when it is shown by a browser:

? An unordered list can be specified with the tags and .

? An unordered list typically contains a number of list items that can be specified with tags and .

? After you have created your unordered list, check out what happens when you convert it to an ordered list by replacing the tags and with and , respectively.

* Add an image to your web page. In this exercise you must use the tag. As an image, you can use any .jpg or .png file you find on the Internet.

```
<!DOCTYPE html>
```

```
<html>
```

```
  <body>
```

```
    <h1>WELCOME TO FACULTY OF COMPUTING</h1>
```

```
    <ul>
```

```
      <li>Department: <a href="#">compuer science</a></li>
```

```
      <li>Department: <a href="#">cyber security</a></li>
```

```
      <li>Department: <a href="#">information technology</a></li>
```

```
      <li>Department: <a href="#">software engineering</a></li>
```

```
    </ul>
```

```
    <h1></h1>
```

```
    <p>faculty of computing</p>
```

```
    <p>federal universiy dutse</p>
```

```
    <h1>compuer science courses</h1>
```

```
    <h1>WELCOME TO FACULTY OF COMPUTING</h1>
```

```
    <ul>
```

```
      <ol>Department: <a href="#">compuer science</a></ol>
```

```
      <ol>Department: <a href="#">cyber security</a></ol>
```

```
      <ol>Department: <a href="#">information technology</a></ol>
```

```
      <ol>Department: <a href="#">software engineering</a></ol>
```

```
    </ul>
```

```
    <h1></h1>
```

```
    <p>faculty of computing</p>
```

```
    <p>federal universiy dutse</p>
```

```
    <h1>compuer science courses</h1>
```

```
    
```

```
    <br>
```

```
    <a href="Q7new file.html">Go to another page</a>
```

```
  </body>
```

```
</html>
```

Q7. Create another .html file that contains a heading and a couple of paragraphs. You could name this new

file another_page.html, and you should place it into the same folder where your first .html is. After you have created the new .html page, add a link to the first page so that the browser will load

another_page.html when you click the text Go to the other page. in the first page. You need to use the

<a> and tags in this exercise. Inside the tag <a> you need to use a href attribute that specifies which page will be loaded when the link is clicked.

```
<!DOCTYPE html>
```

```
<html>
```

```
  <body>
```

```
    <h1>FACULTY OF COMPUTING</h1>
```

```
    <p>Department of compuer science</p>
```

```
    <p>Department of software of engineering</p>
```

```
    <a href=""></a>
```

```
  </body>
```

```
</html>
```

Q8. HTML tags like <a> can have certain attributes. The href attribute is mandatory in the <a> tag.

Additionally it is possible to use the title attribute which specifies a text that emerges when the mouse

cursor is moved above a link. This kind of text is called a tool tip. Modify the link that you created in the previous exercise so that a tool tip says "This leads you to another page." when the mouse cursor is

over the link.

```
<!DOCTYPE html>
```

```
<html>
```

```
<style>
```

```
.tooltip {
```

```
  position: relative;
```

```
  display: inline-block;
```

```
  border-bottom: 1px dotted black;
```

```
}
```

```
.tooltip .tooltiptext {
```

```
  visibility: hidden;
```

```
  width: 120px;
```

```
  background-color: black;
```

```
  color: #fff;
```

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

```
  border-radius: 6px;
```

```
  padding: 5px 0;
```

```
  position: absolute;
```

```
  z-index: 1;
```

```
}
```

```
.tooltip:hover .tooltiptext {
```

```
  visibility: visible;
```

```
}
```

```
</style>
```

```
<body style="text-align:center;">
```

```
<h2>Welcome to faculty of computing</h2>
```

```
<p>Move the mouse over the text below to view the tooltip:</p>
```

```
<div class="tooltip">Here
```

```
  <span class="tooltiptext">This lead you to another page!</span>
```



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

Q9. It is possible to use a picture (image) as a link. Modify your page so that the picture that is on your page will also serve as a link that leads to another page.

```
<!DOCTYPE html>
<html>
<body>
  <a href="https://uak.com">
    </a>
  </body>
</html>
```

Q10. Upload your two .html files to a server and test that they work as real internet pages.

Q11. Design a website for a College. There should be at least 15 web-pages present in the web-site. There should be:

- * One Home page that leads to other pages. The Home page should contain the name of the college as heading along with the college logo. There should be a tab with the following links:
 - * Home;
 - * Academics;
 - * Admission;
 - * Gallery.
 - * There should be an appropriate description of the college on the home page.
 - * One Academics page which contains a list of all the departments present in the college Arts, Science and Commerce. The list should be a nested list, with available courses mentioned under each department. There should be a minimum of two courses under each department, (for e.g. Computer Science and Mathematics under Science, English and Sociology under Arts and so on). Each Course entry in the list should be a HTML link that leads to a web-page totally dedicated to the course itself.
 - * Each Course should have its own dedicated web-page. This page should contain a description about the course, a list of all the teachers taking the course and the timetable for that particular subject.
 - * The Admission page basically contains a form that a student needs to fill up in order to take admission in the college. The form should ask all the necessary questions using appropriate form elements.
 - * One gallery page that contains set of photos taken of the college and its students.
- Please note that each web-page in this website should have the same background Image/color.

```
<!DOCTYPE html>
<html>

<head>
  <title>csc211</title>
</head>
<style>
  a {
```

```

padding: 2px;
width: 100%;
padding: 14px 8px;
background-color: rgb(15, 134, 253);
padding-top: 2px;
border: none;
border-radius: 12px;
font-family: sans-serif;
color: #fdfbfb;
}

body {
    text-align: center;
    background-color: lightgray
}
</style>

```

```

<body>
  <a href="html/index.html">Home</a>
  <a href="html/about.html">Academics</a>
  <a href="html/admission.html">Admission</a>
  <a href="html/gellery.html">Gellary</a>
</body>

```

```

</html>
Home.html
<!DOCTYPE html>

```

```

<html>
<style>
  body {
    background-color: lightgrey
  }

```

```

  div {
    text-align: center;
  }
  h1{
    color: seagreen;
  }
</style>

```

```

<body>
  <div>
    <label></label>
    <h1> Welcome to federal university dutse</h1>
  </div>
</body>

```

```
</html>
```

Departments.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<style>
```

```
  body {
```

```
    background-color: lightgrey;
```

```
  }
```

```
  a {
```

```
    color:blue
```

```
  }
```

```
</style>
```

```
<body>
```

```
  <a href="Art.html">Art</a>
```

```
  <br>
```

```
  <a href="science.html">Science</a>
```

```
  <br>
```

```
  <a href="commerce.html">Commerce</a>
```

```
  <br>
```

```
</body>
```

```
</html>
```

Art.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<style>
```

```
  body {
```

```
    background-color: lightgray;
```

```
  }
```

```
  a {
```

```
    color: blue
```

```
  }
```

```
</style>
```

```
<body>
```

```
  <a href="google">English</a>
```

```
  <br>
```

```
  <a href="google">Sociology</a>
```

```
  <br>
```

```
  <a href="google">Political Science</a>
```

```
</body>
```

</html>

Science.html

<!DOCTYPE html>

<html>

<style>

```
body {  
    background-color: lightgray;  
}
```

```
a {  
    color:blue  
}
```

</style>

<body>

Computer Science

Mathematics

Physics

</body>

</html>

Commerce.html

<!DOCTYPE html>

<html>

<style>

```
body {  
    background-color: lightgray;  
}
```

```
a {  
    color: blue  
}
```

</style>

<body>

Banking and finance

Accounting

Business

</body>

</html>

Admission.html

<!DOCTYPE html>

```
<html>
<h2 style="background-color: lightgrey;"></h2>

<body bgcolor="grey">
  <br>
  <h1>REGISTRATION FORM</h1>
  <form>
    <label>firstname</label>
    <br>
    <input type="text" name="firstname" size="15" />
    <br>
    <label>middlename</label>
    <br>
    <input type="text" name="middlename" size="15" />
    <br>
    <label>lastname</label>
    <br>
    <input type="text" name="lastname" size="15" />
    <br>
    <label>Course:</label>
    <br>
    <select>
    <option value="Computer">Computer Science</option>
    <option value="Cyber">Cyber security</option>
    <option value="CSE">Software engineering</option>
    <option value="Information">Information technology</option>
    </select>
    <br>
    <label>Gender</label>
    <br>
    <input type="checkbox" name="male"> Male <br>
    <input type="checkbox" name="female"> Female <br>
    <label>Phone no:</label>
    <br>
    <input type="text" name="country code" value="+234" size="5" />
    <input type="text" name="phone" size="10" />
    <br>
    <label>Adress</label>
    <br>
    <textarea cols="50" rows="" value="address">
  </textarea>
    <br>
    <label>Email</label>
    <br>
    <input type="email" id="email" name="email" />
    <br>
    <label>password</label>
    <br>
```

```

        <input type="Password" id="pass" name="pass" />
        <br>
        <label>Re-type password</label>
        <br>
        <input type="Password" id="repass" name="repass">
        <br>
        <input type="submit" value="Submit" />
    </form>
</body>
</html>

```

Gellary.html

```

<!DOCTYPE html>
<html>
<style>
    body {
        background-color: lightgray;
    }
</style>

```

```

<body>
    
    
    
    
    
    
    
    
</body>
</html>

```

12. Design a website for the Tourism Sites of a given City. There should be at least 15 web-pages present

in the web-site. There should be:

- * One Home page that leads to other pages. The Home page should contain the name of the City as heading along with a logo. There should be a tab with the following links:

- * Home;
- * Heritage;
- * Hotel Booking;
- * Gallery.

There should be an appropriate description of the college on the home page.* One Heritage page which contains a list of all the Heritage Sites present in the city. The list should be a list of Pictures. There should be a minimum of ten heritage sites. Each Image entry in the list should be a HTML link/button that leads to a web-page totally dedicated to the Heritage Site itself.

- * Each Heritage Site should have its own dedicated web-page. This page should contain a description about the site along with its history.

- * The Hotel booking page basically contains a form that a person needs to fill up in order to stay in a hotel. The form should ask all the necessary questions using appropriate form elements.

* One gallery page that contains set of photos taken of the Heritage Sites throughout the city.
Please note that each web-page in this website should have the same background Image/color.

Home.html

```
<!DOCTYPE html>
<html>
<body>
  <a href="google">Home</a>
</body>
</html>
```

Home 2

```
<!DOCTYPE html>
<html>
<style>
  body {
    background-color: lightgrey;
  }

  div {
    text-align: center;
  }

  h1 {
    color: seagreen;
  }
</style>
<body>
  <div>
    <label></label>
    <h1> welcome to fuk hotel</h1>
  </div>
</body>
</html>
```

Heritages.html

```
<!DOCTYPE html>
<html>
<style>
  body{
    background-color: sienna;
    color: white;
  }
  a{
    color: white;
  }
</style>
<body>
  <a href="wall.html">A section of the ancient kano wall</a>
```

```
<br>
<a href="places.html">Ogbauku_waterfall</a>
<br>
<a href="idanre hills.html">Idanre Hill</a>
<br>
<a href="hiking.html">The best hiking and treking trils in nigeria</a>
<br>
<a href="parks.html">National parks in nigeria</a>
<br>
<a href="yankari.html">Yankari game reserve</a>
<br>
<a href="lagos.html">Lagos beach</a>
<br>
<br>
</body>
</html>
```

A section of the ancient kano wall.html

```
<!DOCTYPE html>
<html>
```

```
<body>
  <a href="heritages.html"></a>
  
</body>
</html>
```

Ogbauku_waterfall.html

```
<!DOCTYPE html>
<html>
  <body>
    <a href="heritages.html"></a>
    
  </body>
</html>
```

Idanre Hill.html

```
<!DOCTYPE html>
<html>
```

```
<body>
  <a href="heritages.html"></a>
  
</body>
</html>
```

The best hiking and treking trils in Nigeria.html

```
<!DOCTYPE html>
<html>
```

```
<body>
  <a href="heritages.html"></a>
```



```

</body>
```

```
</html>
```

National parks in nigeria.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<a href="heritages.html"></a>
```

```

```

```
</body>
```

```
</html>
```

Yankari game reserve.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<a href="yankari.html"></a>
```

```

```

```
</body>
```

```
</html>
```

Lagos beach.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```

```

```
</body>
```

```
</html>
```

Hotel form.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<style>
```

```
body{
```

```
background-color: sienna;
```

```
}
```

```
label{
```

```
color: white;
```

```
}
```

```
h1{
```

```
color: white;
```

```
}
```

```
</style>
```

```
<body>
```

```
<form>
```

```
<h1>HOTEL RESERVATION FORM</h1>
```

```
<label>first name</label>
```

```
<br>
```

```
<input type="text" name="firstname" size="20" placeholder="firstname">
```

```
<br>
```

```
<label>middlename</label>
<br>
<input type="text" name="middlename" size="20" placeholder="middlename">
<br>
<label>Surname</label>
<br>
<input type="text" name="surname" size="20" placeholder="surname">
<br>
<label>number of adult</label>
<br>
<input type="number" name="number of adult" size="20" placeholder="number of adult">
<br>
<label>number of children</label>
<br>
<input type="number" name="number of children" size="20" placeholder="number of
children...">
<br>
<label for="bio">any other comment</label><br>
<textarea name="comment" id="any other comment" cols="30" rows="10"
placeholder="comment..." required></textarea>

<br><br>

<input type="submit" value="submit">
</form>
</body>
</html>
```