

Department of Computer and Software Engineering

SE100L: Information and Communication Technologies Lab

Course Instructor: Hamza Shaukat	Dated:
Lab Engineer : Asif Ali	Semester: Fall 2023
Batch: BSSE23	

LAB 12 Getting Familiar with HTML to Structure a Webpage

Name	Roll. No.	Total Marks (35)
Zunaira Abdul Aziz	BSSE23058	

Checked on: _____

Signature: _____

12.1 Objective

The objective of this lab is to understand database concepts with web designing and development.

12.2 Equipment and Component

Component Description	Value	Quantity
Computer	Available in lab	1

12.3 Conduct of Lab

1. Students are required to perform this experiment individually.
2. In case the lab experiment is not understood, the students are advised to seek help from the course instructor, lab engineers, assigned teaching assistants (TA) and lab attendants.

12.4 Theory and Background

The **HyperText Markup Language or HTML** is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript. HTML is the language for describing the structure of Web pages. HTML gives authors the means to: Publish online documents with headings, text, tables, lists, photos, etc. Retrieve online information via hypertext links, at the click of a button.

12.5 Lab Tasks

Task 1 – HTML Introduction

In this task, make a text file and save it using `html_introduction.html` extension and print your name roll number as text. The title of the webpage should be with naming as: your roll number – webpage. Implement all the below tags:

1. HTML formatting
2. HTML pre and attributes
3. HTML font and text links
4. HTML comments
5. HTML list, images, and images link
6. HTML tables, bgcolor, color codes, color chart, background color
7. Use html to create the following tables.

No.	Full Name	Position	Salary
1	Bill Gates	Founder Microsoft	\$1000
2	Steve Jobs	Founder Apple	\$1200
3	Larry Page	Founder Google	\$1100
4	Mark Zuckeberg	Founder Facebook	\$1300

Heading	Students	Details		
	Id	Name	Department	Roll Number
Student List	1	Victor	Computer Science	12345
	2	Williams	Electronics	23456
	3	Harry	Electrical	34567
	4	Rick	Civil	45678

8. Show your work to the lab engineer to obtain credit.

9. Paste your html code and its output in the space below:

```
<!DOCTYPE html>
<html>
<head>
  <title>BSSE23058</title>
</head>
<body>
<h2 align="left">LAB 12</h2>
<p>
<h3>Zunaira BSSE23058</h3>
<pre> <font size="5">Task 1</font>
  Table 1
</pre>
</p>
</body>
<table border="1">
  <tr>
    <th><b>No.</b></th>
    <th><b>Full Name</b></th>
    <th><b>Position</b></th>
    <th><b>Salary</b></th>
  </tr>
  <tr>
    <td>1</td>
    <td>Bill Gates</td>
    <td>Founder Microsoft</td>
    <td>$1000</td>
  </tr>
  <tr>
    <td>2</td>
    <td>Steve Jobs</td>
    <td>Founder Apple</td>
    <td>$1200</td>
  </tr>
```

```

<tr>
  <td>3</td>
  <td>Larry Page</td>
  <td>Founder Google</td>
  <td>$1100</td>
</tr>
<tr>
  <td>4</td>
  <td>Mark Zuckerberg</td>
  <td>Founder Facebook</td>
  <td>$1300</td>
</tr>
</table>
</html>
<html>
<body>
<p>
  Table 2
</p>
</body>
<table border="2">
  <tr>
    <th rowspan="2">Heading</th>
    <th>Students</th>
    <th>Details</th>
  </tr>
  <tr>
    <th>Id</th>
    <th>Name</th>
    <th>Department</th>
    <th>Roll Number</th>
  </tr>
  <tr>
    <td rowspan="4">Student List</td>
    <td>1</td>
    <td>Victor</td>
    <td>Computer Science</td>
    <td>12345</td>
  </tr>
  <tr>
    <td>2</td>
    <td>Williams</td>
    <td>Electronics</td>
    <td>23456</td>

```

```
</tr>
<tr>
  <td>3</td>
  <td>Harry</td>
  <td>Electrical</td>
  <td>34567</td>
</tr>
<tr>
  <td>4</td>
  <td>Rick</td>
  <td>Civil</td>
  <td>45678</td>
</tr>
</table>
<!--ICT LAB-->
<body bgcolor="#a9a9a9">
<h4>LIST OF UNIVERSITIES</h4>
<ul>
  <li>ITU</li>
  <li>FAST NUCES</li>
  <li>GIKI</li>
</ul>
<a href="http://www.tizag.com/htmlT/"target="_blank">Tizag Page</a>

</body>
</html>
```

BSSE23058

Lab 12 - Google Docs

localhost:63342/PRACTICE%20TEMPLATE/LAB%2012.htm

LAB 12

Zunaira BSSE23058

Task 1

Table 1


No.	Full Name	Position	Salary
1	Bill Gates	Founder Microsoft	\$1000
2	Steve Jobs	Founder Apple	\$1200
3	Larry Page	Founder Google	\$1100
4	Mark Zuckerberg	Founder Facebook	\$1300

Table 2

Heading	Students	Details		
	Id	Name	Department	Roll Number
Student List	1	Victor	Computer Science	12345
	2	Williams	Electronics	23456
	3	Harry	Electrical	34567
	4	Rick	Civil	45678

LIST OF UNIVERSITIES

- ITU
- FAST NUCES
- GIKI



Tizag Page

Task 2 – HTML Web Forms

In this task, make a text file and save it using web_forms.html extension and print your name roll number as text. The title of the webpage should be with naming as: your roll number – webpage. Implement all the below tags:

1. HTML forms
2. HTML input, text fields, and password
3. HTML reset, submit, checkboxes, radio button
4. HTML select, hidden fields, upload, text areas
5. Use html to create the following forms:

First Name *

Last Name *

Email *

Message

Product	<input type="text" value="Product Name"/>		
Company	<input type="text" value="Company name"/>		
Customer Address	<input type="text" value="Customer address"/>		
Phone number	<input type="text" value="Phone number"/>		
Country	<input type="checkbox"/> India	<input type="checkbox"/> USA	<input type="checkbox"/> Russia
Selling	<input type="radio"/> Ship	<input type="radio"/> Plane	
Selling Date	<input type="text" value="2000"/> Year	<input type="text" value="January"/> Month	<input type="text" value="1"/> Day

8. Show your work to the lab engineer to obtain credit.

9. Paste your html code and its output in the space below:

```
<!DOCTYPE html>
<html>
<head>
  <title>BSSE23058</title>
</head>
<body>
<p>
<h3>Zunaira BSSE23058</h3>
<h2>Task 2</h2>
Table 1
</p>
<form>
  Name*<br/><input type="text" name="Name" value="Name"/><br />
  Last Name *<br/><input type="text" name="Last Name" value="Last Name"/><br />
  Email *<br/><input type="text" /><br />
  Message<br/><input type="text" /><br />
  <input type="submit" value="Submit" />
  <input type="reset" value="Reset" />
</form>
<p>
Table 2
```

```
</p>
<form>
  Product<input type="text" name="Product Name " value="Product Name"/><br/>
  Company<input type="text" name="Company Name" value="Company Name"/><br/>
  Customer Address<input type="text" name="Customer Address" value="Customer Address"/><br/>
  Phone Number<input type="text" name="Phone Number" value="Phone Number"/><br/>
  Country<input type="checkbox"/>India<input type="checkbox"/>USA<input type="checkbox"/>Russia<br/>
  Selling<input type="radio"/>Ship<input type="radio"/>Plane<br/>
  Selling Date
  <select name="selectionField">
    <option>2000</option>
    <option>2001</option>
    <option>2002</option>
  </select>
  <select>
    <option>January</option>
    <option>February</option>
    <option>March</option>

  </select>
  <label>Month</label>
  <select>
    <option>1</option>
    <option>2</option>
    <option>3</option>

  </select>
  <label>Day</label><br/>
  <input type="submit" value="Submit" />
  <input type="reset" value="Reset" />
</form>
</body>
</html>
```


Zunaira BSSE23058

Task 2

Table 1

Name*

Last Name *

Email *

Message

Table 2

Product

Company

Customer Address

Phone Number

Country ☐ India ☐ USA ☐ Russia

Selling ☐ Ship ☐ Plane

Selling Date Month Day

Task 3 – HTML Formatting Tags

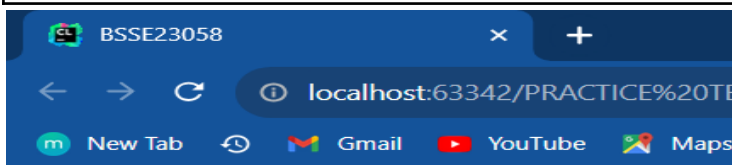
In this task, make a text file and save it using **formatting_tags.html** extension and print your name roll number as text. The title of the webpage should be with naming as: your roll number – webpage. Implement all the below tags:

1. HTML bold, italic, code, paragraphs and heading tags
2. HTML line breaks and horizontal rule tags
3. HTML email tag
4. HTML superscript, subscript, and strikethrough tags
5. Implement above tags
8. Show your work to the lab engineer to obtain credit.
9. Paste your html code and its output in the space below:

```
<!DOCTYPE html>
<html>
<head>
  <title>BSSE23058</title>
</head>
<body>
<h1>ICT LAB</h1>
<h2>LAB 12</h2>
<h3>Zunaira BSSE23058</h3>
<p>
  <hr>
  My name is <br>
  <hr>
  <b>Zunaira</b></br>

```

```
<hr>
<i>Abdul </i></br>
<hr>
<code>Aziz</code></br>
<hr>
</p>
<p>
<a href= "zunairaabdulaziz@gmail.com" >Email</a>
</p>
<p>
  I study at <sup>Information Technology University</sup>
  2<sup>x</sup>
</p>
<p>
  H<sub>2</sub>SO<sub>4</sub> Sulfuric Acid
</p>
<p>
  <ul>
    <li>Study Chapter 25-29</li>
    <li><del>PF complete Project</del></li>
  </ul>
</p>
</body>
</html>
```



ICT LAB

LAB 12

Zunaira BSSE23058

My name is

Zunaira

Abdul

Aziz

Email

I study at Information Technology University 2^x

H₂SO₄ Sulfuric Acid

- Study Chapter 25-29
- ~~PF complete Project~~