LAB REPORT NO 01
Course Title: Web Programming Lab
Course Code: CSE 302   **Section:** 213-D1

Lab Experiment Name: Creating, Displaying HTML Pages using Basic HTML tags.

Student Details

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Lab Date   : 2 March 2024
Submission Date   : 9 March 2024
Course Teacher's Name   : Mahjabin Rahman Oishe

[For Teachers use only: Don't Write Anything inside this box]

Lab Report Status
Marks: …………………………… **Signature:**....................
Comments:.. **Date:**.............................

1. TITLE OF THE LAB EXPERIMENT
Creating, Displaying HTML Pages using Basic HTML tags.

2. OBJECTIVES/AIM
- Use basic HTML tags such as <html>, <head>, and <body> to structure the skeleton of the webpage.
- Employ essential tags like <h1>, <p>, <img>, and <a> to add headings, paragraphs, images, and hyperlinks to the webpage for content display and navigation.

3. PROCEDURE / ANALYSIS / DESIGN
Heading: Use the <h1> to <h6> tags to define headings, with <h1> being the largest and <h6> the smallest.

Paragraph: Enclose text within <p> tags to define paragraphs.

Hyperlink: Use the <a> tag with the "href" attribute to create hyperlinks. For example: Link Text.

Text Formatting: Use tags like <strong> for bold text, <em> for italic text, <u> for underlined text, and <br> for line breaks.

Image: Insert an image using the <img> tag with the "src" attribute specifying the image URL. For example: <img src="image.jpg" alt="Description">.

Video: Embed videos using the <video> tag, specifying the video URL within the "src" attribute. Optionally, include controls using the "controls" attribute.

Audio: Embed audio files using the <audio> tag, specifying the audio file URL within the "src" attribute. Optionally, include controls using the "controls" attribute.

Image as Link: Simply wrap an <img> tag within an <a> tag to create an image link. For example:<img src="image.jpg" alt="Description">.

4. IMPLEMENTATION

```
<> Header & Paragraph & Line Break.html    ×

C: > Users > User > Desktop > Sajid > <> Header & Paragraph & Line Break.html > ⊘ html > ⊘ body > ⊘ p > ⊘ br
  1   <!Doctype html>
  2   <html>
  3
  4   <head>
  5
  6   <title>Heading & Paragraph tags</title>
  7
  8   </head>
  9
 10   <body>
 11
 12        <!--There are 6 head tags in HTML-->
 13        <hr/><!--For drawing a horizontal rule-->
 14        <h1 align="center">My Name Is Sajid ,I am in center</h1>
 15        <hr/>
 16        <h2 align="left">My Name Is Sajid,I am in left</h2>
 17        <hr/>
 18        <h3 align="right">My Name Is Sajid,I am in right</h3>
 19        <hr/>
 20        <h4>My Name Is Sajid</h4>
 21        <h5>My Name Is Sajid</h5>
 22        <h6>My Name Is Sajid</h6>
 23        <hr/>
 24
 25        <!--This is a paragraph-->
 26        <p>My Name is Sajid.I read in GUB.I have completed my school from Dolairpar High School.I live in Dolairpar.<br>Thank you</p>
 27        <hr/>
 28   </body>
 29   </html>
```

Figure   1   :Code   for   HTML   Heading   &   Paragraph   &   Line   Break

```
<> Text Formatting.html    ×

C: > Users > User > Desktop > Sajid > <> Text Formatting.html > ⊘ body
  1   <body>
  2        <!-- b(bold) and strong tag are quite similar -->
  3        <b>This is a bold text</b> <br />
  4        <strong>This is a strong text</strong> <br />
  5
  6        <!-- i(italic) and em(emphasize) tag are quite similar -->
  7        <i>This is a italic text</i> <br />
  8        <em>This is a emphasize text</em> <br />
  9
 10        <!-- u(underline) -->
 11        <u>This is a italic text</u> <br />
 12
 13        <!--tags can be used inside one another-->
 14        <b>bold. <i> italic and bold</i></b> <br />
 15
 16        <mark>Important task should be highlighted</mark> <br />
 17        <!-- del (deleted) -->
 18        <del>This is a deleted text</del> <br />
 19
 20        <!-- sup (superscript), sub(subscript) -->
 21        H<sub>2</sub>O <br />
 22        (a+b)<sup>2</sup> <br />
 23
 24        <!-- pre tag helps to show text as you want to formatted -->
 25        <pre>
 26            This is a
 27              life changing documentation
 28            Read,learn, enjoy
 29              ofcourse share with others
 30        </pre>
 31
 32        <abbr title="google is a search engine">Google</abbr>
 33        <address>Anisul Islam 192 anis road, London United Kingdom</address>
 34
 35        <h2>What our customer thinks?</h2>
 36        <blockquote>
 37          <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius</p>
 38          <footer>John Doe</footer>
 39        </blockquote>
 40
 41        <code> console.log("hello"); </code>
 42   </body>
```

Figure 2 : Code for HTML Text Formatting

```
◇ Hyperlink.html ●
C: > Users > User > Desktop > Sajid > ◇ Hyperlink.html > ◇ head
1  <!DOCTYPE html>
2  <head>
3      <title>HTML HYPERLINK</title>
4  </head>
5  <body>
6      <h1>This Is a HYPERLINK</h1>
7      <a href="https://www.facebook.com/rifan.rahman.549">My Facebook Account</a>
8  </body>
9  </html>
```

Figure 3 : Code for HTML Hyperlink

```
◇ HTML PAge.html ×
◇ HTML PAge.html > ◇ html > ◇ body > ◇ h1
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Document</title>
7   </head>
8   <body>
9       <h1>This is an image</h1>
10      <img src="Sajid.jpeg" heigh="300" width="300" title="Sajid">
11
12      <h1>This is a Link</h1>
13      <a href="https://www.facebook.com/rifan.rahman.549"><img src="Sajid.jpeg" heigh="300" width="300" title="Sajid"></a>
14
15      <h1>This is an Audio</h1>
16      <audio controls>
17          <source src="AZAN.mp3" >
18        </audio>
19
20      <h1>This is a Video</h1>
21      <video width="400" controls>
22        <source src="MAKKAH.mp4" type="video/mp4">
23        </video>
24  </body>
25  </html>
```

Figure 4 : Code for HTML Image,Link,Audio & Video

5. TEST RESULT / OUTPUT

My Name Is Sajid ,I am in center

My Name Is Sajid,I am in left

My Name Is Sajid,I am in right

My Name Is Sajid

My Name Is Sajid

My Name Is Sajid

My Name is Sajid.I read in GUB.I have completed my school from Dolairpar High School.I live in Dolairpar.
Thank you

Figure 5 : Output of HTML Heading & Paragraph & Line Break

This Is a HYPERLINK

[My Facebook Account](#)

Figure 6 : Output of HTML Hyperlink

This is a bold text
This is a strong text
This is a italic text
This is a emphasize text
<u>This is a italic text</u>
bold. *italic and bold*
<mark>Important task should be highlighted</mark>
~~This is a deleted text~~
H_2O
$(a+b)^2$

```
        This is a
         life changing documentation
        Read,learn, enjoy
          ofcourse share with others
```

<u>Google</u>
Anisul Islam 192 anis road, London United Kingdom

What our customer thinks?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius
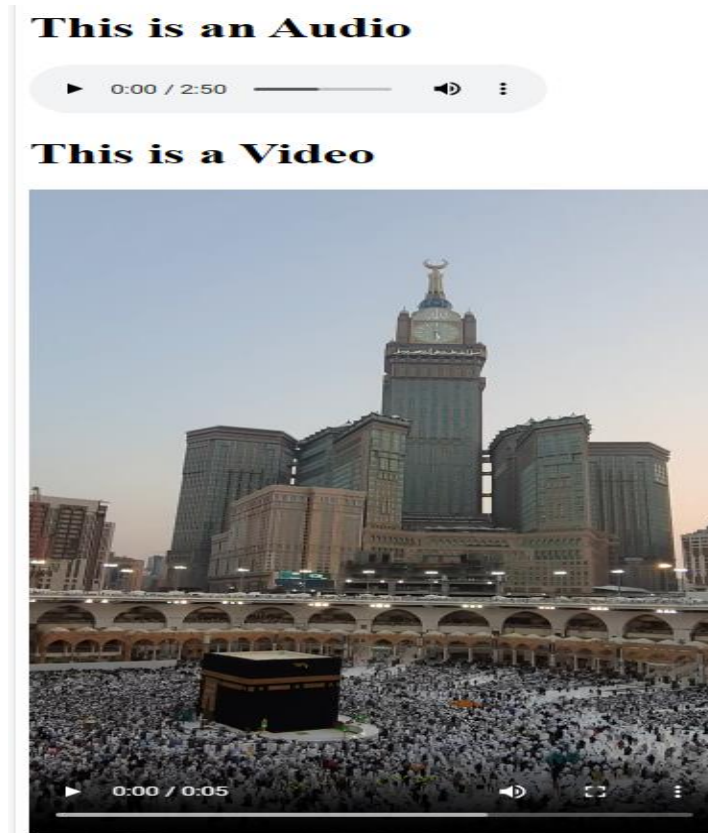
John Doe

```
console.log("hello");
```

Figure 7 : Output of HTML Text Formatting

This is an image

This is a Link

Figure 8 : Output of HTML Image,Link,Audio&Video

6. ANALYSIS AND DISCUSSION

Creating and displaying HTML pages using basic HTML tags is the foundation of web development. These tags, such as <html>, <head>, <title>, <body>, and <p>, structure content and define its appearance on a webpage. By understanding and using these fundamental tags, developers can create visually appealing and well-organized web pages that effectively convey information to users, forming the building blocks of the online experience.