



Green University of Bangladesh
Department of Computer Science and Engineering (CSE)
Faculty of Sciences and Engineering
Semester: (Spring, Year:2024), B.Sc. in CSE (Day)

Lab Report NO #1
Course Title: Web Programming Lab
Course Code: CSE 302 Section: 213 D5

Lab Experiment Name:
Creating and displaying HTML pages using basic HTML tags

Student Details

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Submission Date : 24 February 2024
Course Teacher's Name : Mahjabin Rahman Oishe

Lab Report Status

Marks:
Comments:

Signature:
Date:

1. TITLE OF THE LAB REPORT EXPERIMENT

Creating and displaying HTML pages using basic HTML tags.

2. OBJECTIVES/AIM

Our objectives are:

- To learn to use basic HTML tags like headings, paragraphs, and links.
- To discover the visual effects of formatting tags like bold, italic, underline, and strikethrough.
- To understand how to include multimedia content, such as images, audio, and videos.

3. PROCEDURE / ANALYSIS / DESIGN

- **Headings:** The headings from <h1> to <h6> were added to the HTML page to understand their visual hierarchy and how they are rendered on the page.
- **Paragraphs:** Different types of paragraphs with various formatting tags were used to see how they are displayed in a browser.
- **Links:** Links to external websites and email addresses were inserted to see how they can be navigated.
- **Formatting Tags:** Different formatting tags like , , <i>, <mark>, , <u>, <sub>, <sup> were used to see how they affect the text.
- **Multimedia:** Images, audio, and video tags were added to the HTML page to understand how multimedia content can be embedded and played.

4. IMPLEMENTATION AND TEST RESULT / OUTPUT

Code:	Output:
<pre><h1>Heading 1</h1> <h2>Heading 2</h2> <h3>Heading 3</h3> <h4>Heading 4</h4> <h5>Heading 5</h5> <h6>Heading 6</h6></pre>	<p>Heading 1</p> <p>Heading 2</p> <p>Heading 3</p> <p>Heading 4</p> <p>Heading 5</p> <p>Heading 6</p>

Code:

```
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Cumque quo velit architecto perspiciatis, optio alias quibusdam temporibus unde dignissimos a, quisquam asperiores, dolorem adipisci natus tempora consectetur illo provident ipsum!</p>
```

Output:

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Cumque quo velit architecto perspiciatis, optio alias quibusdam tempora consectetur illo provident ipsum!

Code:

```
<p>Lorem ipsum dolor sit amet, <br> consectetur adipisicing elit. Cumque quo velit architecto perspiciatis, optio alias quibusdam temporibus unde dignissimos a, quisquam asperiores, dolorem adipisci natus tempora consectetur illo provident ipsum!</p>
```

Output:

Lorem ipsum dolor sit amet,
consectetur adipisicing elit. Cumque quo velit architecto perspiciatis, opti
provident ipsum!

Code:	Output:
<pre><p>This text is bold.</p> <p>This text is important!.</p> <p><i>This text italic</i></p> <p>Please mark the <mark>word</mark></p> <p>My favourite color is blue red.</p> <p>My favourite color is blue <u>red</u>.</p> <p>This is <sub>subscripted</sub> text.</p> <p>This is <sub>superscripted</sub> text.</p></pre>	<p>This text is bold.</p> <p><i>This text is important!.</i></p> <p><i>This text italic</i></p> <p>Please mark the word</p> <p>My favourite color is blue red.</p> <p>My favourite color is blue <u>red</u>.</p> <p>This is subscripted text.</p> <p>This is superscripted text.</p>

Code:

```
<p>
  Visit <a href="https://green.edu.bd/">Green University of Bangladesh</a>
</p>
```

Output:

Visit [Green University of Bangladesh](https://green.edu.bd/)

Code:

<p>

Send Email to Shadikur Rahman

</p>

Output:

Send Email to [Shadikur Rahman](https://mail.google.com/mail/u/0/#inbox?compose=CllgCJTLGfCJnwJHckhKQfjtlBNZWGksCMGRdBfzrNvKCxIDqsKXRSKNrRHHSWjjkrgNGJzWPIB)

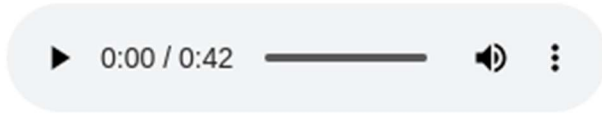
Code:

Output:**Code:**

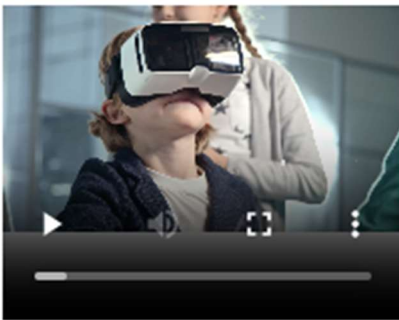
Output:

Code:

```
<audio controls src="audio.mp3"></audio>
```

Output:**Code:**

```
<video controls loop src="video.mp4" width="200" height="200" ></video>
```

Output:

6. ANALYSIS AND DISCUSSION

The headings in this lab were displayed in various sizes and font weights, creating a clear visual hierarchy. This hierarchical structure aids in organizing content, making it more scannable for readers. Paragraphs were formatted using a range of tags, including ``, ``, `<i>`, `<mark>`, ``, `<u>`, `<sub>`, and `<sup>`. These tags produced different visual effects like bold, italic, strikethrough, underline, subscript, and superscript. Links to external websites and email addresses were functional, showcasing the use of HTML for hyperlink creation. Multimedia elements such as images, audio, and video were successfully integrated into the HTML page, demonstrating the versatility of HTML for displaying and playing multimedia content.

7. SUMMARY

In this lab, we gained a foundational understanding of HTML by exploring basic tags, including headings, paragraphs, and links. We also learned to include multimedia content and observed the effects of formatting tags like bold, italic, and underline. This hands-on experience provided valuable insights into creating structured and interactive webpages.