Experiment Details

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| Department Name | Computer Science Engineering |
| Class | B.Tech |
| Semester | 7th |
| Subject Name | Web Technology Lab |
| Experiment No. | Exp 1 |
| Experiment Name | Front End Web Designing and Client Side Scripting |

Version History

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| Sr. No. | Version Number | Created By | Approved By | Date |
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AIM:

To study the basic elements of HTML and how to style HTML page using CSS.

THEORY:

* **HTML**:
* HTML stands for Hyper Text Markup Language
* HTML is the standard markup language for creating Web pages
* HTML describes the structure of a Web page
* HTML consists of a series of elements
* HTML elements tell the browser how to display the content
* HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.
* What is HTML element?
* An HTML element is defined by a start tag, some content, and an end tag:
* The HT,L element is everything from the start tag to the end tag
* HTML document:
  + All HTML documents must start with a document type declaration : <!DOCTYPE html>
  + The HTML document itself begins with <html> and ends with </html>
  + The visible part of the HTML document is between <body> and </body>
* CSS (Cascading Style Sheet) :
* Cascading Style Sheet (CSS) is used to format the layout of a webpage.
* With CSS, you can control the color, font, the size of the text, the spacing between elements, how elements are positioned and laid out, what background images or background color to be used, different displays for different devices and screen sizes, and much more.
* CSS can added to HTM documents in 3 ways:

1. Inline – by using the style attribute inside HTML elements
2. Internal – by using a <style> element in the <head> section
3. External – by using <link> elements to link to an external CSS file.

* The most common way to add CSS is to keep the styles in external CSS files. However, in this tutorial we will use inline and internal styles, because this is easier to demonstrate, and easies for you to try it by yourself.

PRE TEST:

1. The correct sequence of HTML tags for starting a webpage is -

1. Head, Title, HTML, body
2. HTML, Body, Title, Head
3. HTML, Head, Title, Body
4. **HTML, Head, Title, Body**

2. Which of the following tag is used for inserting the largest heading in HTML?

1. <h3>

2. **<h1>**

3. <h5>

4. <h6>

3. Which of the following tag is used to insert a line-break in HTML?

1. **<br>**

2. <a>

3. <pre>

4. <b>

4. Which character is used to represent the closing of a tag in HTML?

1. \

2. !

1. **/ (ans)**
2. .
3. How to create a hyperlink in HTML?

**1. <a href = "www.javatpoint.com"> javaTpoint.com </a>**

2. <a url = "www.javatpoint.com" javaTpoint.com /a>

3. <a link = "www.javatpoint.com"> javaTpoint.com </a>

4. <a> www.javatpoint.com <javaTpoint.com /a>

POST TEST:

1. Which of the following element is responsible for making the text italic in HTML?

1. **<i>**
2. <italic>
3. <it>
4. <pre>

2. How to insert an image in HTML?

1. <img href = "jtp.png" />

2. <img url = "jtp.png" />

3. <img link = "jtp.png" />

**4. <img src = "jtp.png" />**

3. How to add a background color in HTML?

1.<marquee bg-color = "red">

2. <marquee bg color: "red">

**3. <marquee bgcolor = "red">**

4. <marquee color = "red">

4. <input> is -

1. a format tag.
2. **an empty tag.**
3. All of the above
4. None of the above

5. Which of the following tag is used to make the underlined text?

1.<i>

2. <ul>

3. **<u>**

4. <pre>

REFERENCES:

1. Core-Servlet and Java Server Pages Volume – 1, by Marty Hall, Larry Brown, Pearson Education 2nd

2. Spring Boot in Action by Walls Craig

3. Pro Spring Boot by Felipe Gutierrez