

**Lab Report**

**Course Title:** Web Engineering Lab

**Course Code:** CSE415

**Report No:** 03

**Report Title:** Basic HTML Tag [21-30]

**Submitted To:**

**Name: Rayhan Islam**

**Designation: Lecturer**

**Dept. of Computer Science and Engineering**

**Daffodil International University**

**Submitted By:**

**Name: Md Shamsuzzaman**

**ID: 211-15-4031**

**Section: 58\_E(E1)**

**Department Of CSE**

**Daffodil International University**

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**Title:** Basic HTML Tag [21-30]

**Description:** HTML is the standard markup language for creating Web pages.

This is an Example code of Basic HTML. Let's explore the **Third** 10 essential tags:

HTML tags (21-30) with explanations and examples:

**21. <pre>**

* **Purpose:** This tag defines preformatted text, which preserves whitespace and formatting like line breaks and spaces.
* **Example:**

HTML

<pre>

This is some preformatted text.

It will be displayed exactly as typed,

including line breaks and spaces.

</pre>

**22. <b> and <i> (deprecated, already covered in point 16)**

**23. <form>**

* **Purpose:** This tag defines a form that allows users to submit data to the server. It can contain various form elements like input fields, buttons, and more.
* **Example (basic form):**

HTML

<form action="/submit" method="post">

<label for="name">Name:</label>

<input type="text" id="name" name="name">

<br>

<button type="submit">Submit</button>

</form>

**24. <input>**

* **Purpose:** This tag defines an input field within a form for user interaction. There are various types of input fields like text, password, checkbox, radio button, etc.
* **Example (used within <form>):**

HTML

<input type="text" id="name" name="name"> (text input for name)

**25. <label>**

* **Purpose:** This tag associates a label with a form element (like <input>) for better accessibility. Clicking the label will also activate the corresponding form element.
* **Example (used with <input>):**

HTML

<label for="name">Name:</label>

<input type="text" id="name" name="name">

**26. <button>**

* **Purpose:** This tag defines a clickable button that can trigger actions like form submissions, opening new pages, or running JavaScript functions.
* **Example (used within <form>):**

HTML

<button type="submit">Submit</button>

**27. <a> (already covered in point 10\_Lab report 1, but can have additional attributes)**

* <a> can also have attributes like target to specify where the linked content opens (e.g., target="\_blank" opens in a new tab).

**28. <img> (already covered in point 11\_Lab report 2, but can have additional attributes)**

* <img> can also have attributes like width and height to control the image size.

**29. <table> (already covered in point 14\_Lab report 2, but with more elements)**

* Tables can have additional elements like <caption> for captions, <thead> for headers, and <tbody> for content.

**30. <blockquote> (already covered in point 19\_Lab report 2)**