

**Lab Report**

**Course Title:** Web Engineering Lab

**Course Code:** CSE415

**Report No:** 02

**Report Title:** Basic HTML Tag [11-20]

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**Title:** Basic HTML Tag [11-20]

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

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

The basic HTML tags (11-20) with explanations and examples:

**11. <img>**

* **Purpose:** This tag inserts an image into the web page.
* **Example:**

HTML

<img src="image.jpg" alt="Description of the image">

**Explanation:**

* src: This attribute specifies the path to the image file.
* alt: This attribute provides alternative text for the image, which is displayed if the image cannot be loaded or for accessibility purposes.

**12. <ul> and <li>**

* **Purpose:** These tags create an unordered list (<ul>) with list items (<li>). Use this for items that are not in a specific order.
* **Example:**

HTML

<ul>

<li>Coffee</li>

<li>Tea</li>

<li>Milk</li>

</ul>

**13. <ol> and <li>**

* **Purpose:** These tags create an ordered list (<ol>) with list items (<li>). Use this for items in a specific order (numbered).
* **Example:**

HTML

<ol>

<li>First step</li>

<li>Second step</li>

<li>Third step</li>

</ol>

**14. <table>**

* **Purpose:** This tag defines a table structure for organizing data in rows and columns.
* **Example (basic table):**

HTML

<table>

<tr>

<th>Name</th>

<th>Age</th>

</tr>

<tr>

<td>John</td>

<td>30</td>

</tr>

<tr>

<td>Jane</td>

<td>25</td>

</tr>

</table>

**15. <tr>, <th>, and <td>**

* **Purpose:** These tags define elements within a table:
  + <tr>: Defines a table row.
  + <th>: Defines a table header cell (bold by default).
  + <td>: Defines a table data cell.
* **Example (using tags from point 14):**

**16. <b> and <i> (deprecated)**

* **Purpose:** These tags were used for bold and italics, but they are deprecated in favor of <strong> and <em> for semantic meaning. It's recommended to use the latter for better accessibility and future-proofing your code.

**17. <br>** (already covered in point 8)

**18. <hr>**

* **Purpose:** This tag inserts a horizontal rule, which is a visual divider that separates content on the page.
* **Example:**

HTML

<hr>

**19. <blockquote>**

* **Purpose:** This tag defines a block of quoted text.
* **Example:**

HTML

<blockquote>

"The best way to predict the future is to create it." - Abraham Lincoln

</blockquote>

**20. <code> and <code>**

* **Purpose:** These tags define inline code snippets. Use this for short pieces of code within your text.
* **Example:**

HTML

To display text in bold, use the `<strong>` tag.

**Note:** There are many more HTML tags beyond these 20. This is just a foundational set to get you started with building web pages.