

# ■ HTML – Day 2: Text Formatting, Lists & Links

## 1. Text Formatting in HTML

HTML provides several tags to format text. These tags change how the text appears on the webpage.

```
<b>Bold Text</b>
<strong>Important Text</strong>
<i>Italic Text</i>
<em>Emphasized Text</em>
<u>Underlined Text</u>
<mark>Highlighted Text</mark>
<small>Smaller Text</small>
<del>Deleted Text</del>
<ins>Inserted Text</ins>
<sub>Subscript</sub>
<sup>Superscript</sup>
```

Tip: Use `<strong>` and `<em>` instead of `<b>` and `<i>` because they add semantic meaning.

Example:

```
<p>This is <b>bold</b> and this is <i>italic</i>.</p>
<p>H<sub>2</sub>O means water, and 2<sup>3</sup> = 8.</p>
```

## 2. Lists in HTML

a) Ordered List `<ol>` (Numbered)

```
<ol>
  <li>Wake up</li>
  <li>Brush Teeth</li>
  <li>Go to School</li>
</ol>
```

b) Unordered List `<ul>` (Bulleted)

```
<ul>
  <li>Apple</li>
  <li>Banana</li>
  <li>Orange</li>
</ul>
```

c) Definition List `<dl>` (Dictionary Style)

```
<dl>
  <dt>HTML</dt>
  <dd>HyperText Markup Language</dd>
  <dt>CSS</dt>
  <dd>Cascading Style Sheets</dd>
</dl>
```

## 3. Hyperlinks in HTML

```
<a href="https://www.google.com">Visit Google</a>
```

Open in New Tab:

```
<a href="https://www.wikipedia.org" target="_blank">Open Wikipedia</a>
```

Link to Section on Same Page:

```
<a href="#about">Go to About Section</a>
```

```
<h2 id="about">About Section</h2>
```

```
<p>This is the about section of the page.</p>
```

## 4. Complete Example

```
<!DOCTYPE html>
<html>
<head>
  <title>Day 2 Example</title>
```

```

</head>
<body>
  <h1>My Favorite Things</h1>

  <p>I like <b>programming</b>, <i>reading</i>, and <mark>traveling</mark>.</p>

  <h2>Daily Routine</h2>
  <ol>
    <li>Wake up</li>
    <li>Exercise</li>
    <li>Study</li>
  </ol>

  <h2>Shopping List</h2>
  <ul>
    <li>Bread</li>
    <li>Milk</li>
    <li>Eggs</li>
  </ul>

  <h2>Learn More</h2>
  <p>Visit <a href="https://developer.mozilla.org" target="_blank">MDN Web Docs</a> for more HTML tu
</body>
</html>

```

## 5. Practice Exercises

- Exercise 1: Biography Page – Write your name in <h1>, add an introduction in <p>, highlight a word with <mark>, and create a list of hobbies using <ul>.
- Exercise 2: Daily Routine Page – Use <ol> to show your daily tasks. Add a link to Google at the bottom.
- Exercise 3: Dictionary Page – Create a <dl> with at least 3 technical terms and their definitions.

## 6. Self-Check Questions

- 1. Which tag is used for bold text?
- 2. What is the difference between <b> and <strong>?
- 3. Which tag creates a numbered list?
- 4. Write the HTML to create a link that opens YouTube in a new tab.
- 5. What is the purpose of id in <a href="#id"> links?