

## Chapter 3: HTML Text Formatting

### 1. Text Formatting Tags

HTML provides various tags to format **text**, making it bold, italic, underlined, or styled in different ways.

Common formatting tags:

- `<b>`: Bold text
- `<strong>`: Important bold text
- `<i>`: Italic text
- `<em>`: Emphasized text
- `<u>`: Underlined text
- `<mark>`: Highlighted text

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>HTML Formatting Tags</title>
</head>
<body>
  <h2>Common Formatting Tags Example</h2>

  <p><b>This is bold text</b></p>
  <p><strong>This is important bold text</strong></p>
  <p><i>This is italic text</i></p>
  <p><em>This is emphasized text</em></p>
  <p><u>This is underlined text</u></p>
  <p><mark>This is highlighted text</mark></p>

</body>
</html>
```

**Example:**

`<p>`This is `<b>`bold`</b>`, `<i>`italic`</i>`, and `<u>`underlined`</u>` text.`</p>`

## 2. Headings and Paragraphs

HTML provides six heading levels, from `<h1>` to `<h6>`, where `<h1>` is the largest and `<h6>` is the smallest.

Paragraphs are created using the `<p>` tag.

### Example:

`<h1>`Main Heading`</h1>`

`<h2>`Sub Heading`</h2>`

`<p>`This is a paragraph.`</p>`

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Heading and Paragraph Example</title>
7 </head>
8 <body>
9
10   <!-- Headings -->
11   <h1>This is Heading 1</h1>
12   <h2>This is Heading 2</h2>
13   <h3>This is Heading 3</h3>
14   <h4>This is Heading 4</h4>
15   <h5>This is Heading 5</h5>
16   <h6>This is Heading 6</h6>
17
18   <!-- Paragraphs -->
19   <p>This is a simple paragraph explaining something important.</p>
20   <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec vel felis nec libero pulvinar consectetur.
21
22 </body>
23 </html>
```