

HTML - Paragraphs

HTML Paragraphs

HTML paragraphs are block-level elements that are used to structure and format text content on a webpage. A paragraph is basically a collection of words and punctuation together. It allows us to organize and present textual information in a coherent and readable manner. The **HTML <p> tag** is used to create a paragraph element.

Example

This is the first paragraph: Hello World!.

This is the second paragraph: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc ut purus maximus, efficitur nibh non, gravida odio. Suspendisse justo tortor, consequat sed mauris sit amet, varius fringilla arcu. Duis et elit quis metus molestie lacinia.

Reason to Use Paragraphs

Paragraphs typically create space above and below the text, separating it from surrounding content. They can be styled using CSS to control aspects such as font size, color, alignment, and spacing. In web development, paragraphs play a crucial role in conveying information effectively, enabling clear communication, and enhancing the overall user experience on a website.

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Creating a Paragraph

To create a paragraph in HTML, use the **<p>** tag. Place text inside **<p>** and **</p>** that you want to display as a paragraph on a webpage.

Syntax

Below is the syntax to create a paragraph in HTML:

```
<p>Text to display as a paragraph on the webpage</p>
```

Example of HTML Paragraph

In the following example, we are creating two paragraphs:

To create two paragraphs:

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```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <p>Lorem ipsum odor amet, consectetur adipiscing elit. Proin eros habitant
    accumsan vulputate curae eu fusce vehicula.</p>
    <p>Laoreet sociosqu taciti iaculis cras leo nec litora. Nisi vehicula massa fusce
    justo libero dui. Per condimentum vivamus nec elementum nullam sociosqu vel
    scelerisque.</p>
  </body>
</html>
```

Line Breaks With Paragraphs

The `
` tags are used to insert line breaks within a paragraph to control the text layout.

Example

The following example demonstrates how you can use line breaks with the HTML paragraph:

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```
<!DOCTYPE html>
<html>
<head>
  <title>Line Breaks With Paragraphs</title>
</head>
<body>
  <p>This is a paragraph with a <br> line break. </p>
</body>
</html>
```

Headings With Paragraphs

Headings, such as `<h1>`, provide a hierarchical structure and can be used alongside paragraphs.

Example

This example shows a heading with the paragraph:

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```
<!DOCTYPE html>
<html>
<head>
  <title>Headings With Paragraphs</title>
</head>
<body>
  <h1>Main Heading</h1>
  <p> This is a paragraph beneath the main heading. </p>
</body>
</html>
```

Lists With Paragraphs

Lists can be incorporated within paragraphs for content organization.

Example

This example shows a paragraph with an **unordered list**:

</>

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```
<!DOCTYPE html>
<html>
<head>
  <title>Lists With Paragraphs</title>
</head>
<body>
  <p>This is a paragraph following an unordered list.</p>
  <ul>
    <li>Item 1</li>
    <li>Item 2</li>
  </ul>
</body>
</html>
```

Emphasis Within Paragraphs

Tags like **** and **** allow you to emphasize text within paragraphs.

Example

This example demonstrates the use of **em** and **strong** tags inside a paragraph, like how you can use **formatting tags** with an HTML paragraph:

</>

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```
<!DOCTYPE html>
<html>
<head>
  <title>Emphasis Within Paragraphs</title>
</head>
<body>
  <p> This is a <em> paragraph </em> with <strong> emphasized </strong> text. </p>
</body>
</html>
```

Links within Paragraphs

You can insert **links** within paragraphs using the **<a> tag**.

Example

This example demonstrates how you can place the links inside a paragraph:

</>

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```
<html>
<head>
  <title>Links within Paragraphs</title>
</head>
<body>
  <p>Visit our website <a href="https://www.tutorialspoint.com">here </a>. </p>
</body>
</html>
```

Inline Styles Within Paragraphs

You can use the ** tag** with inline styles to apply specific formatting.

Example

This example demonstrates how you can apply inline CSS styles to some of the parts of the text inside a paragraph:

</>

Open Compiler

```
<html>
<head>
  <title>Inline Styles Within Paragraphs</title>
</head>
<body>
  <p>This is a <span style="color: blue;">blue</span> text within a paragraph. </p>
</body>
</html>
```

Images Within Paragraphs

You can embed images within paragraphs using the **** tag.

Example

In this example, we are displaying an image inside a paragraph:

</>

Open Compiler

```
<html>
<head>
  <title>Images Within Paragraphs</title>
</head>
<body>
  <p> Here's an image:  </p>
</body>
</html>
```

Superscript and Subscript Within Paragraphs

Use **<sup>** and **<sub>** tags to create superscript and subscript text.

Example

This example demonstrates how you can display superscripted and subscripted text inside a paragraph:

</>

Open Compiler

```
<html>
<head>
  <title>Superscript and Subscript Within Paragraphs</title>
</head>
```

```
<body>
  <p> H<sub>2</sub>O is the chemical formula for water. 2<sup>3</sup> equals 8.</p>
</body>
</html>
```

Abbreviations Within Paragraphs

The **<abbr>** tag helps define abbreviations or acronyms.

Example

This example shows an abbreviation within a paragraph; it is useful when you want to display an abbreviation or acronym of a specific word:

```
</> Open Compiler

<html>
<head>
  <title>Abbreviations within Paragraphs</title>
</head>
<body>
  <p> <abbr title="Hypertext Markup Language">HTML</abbr> is used for web development.
</p>
</body>
</html>
```

Citations Within Paragraphs

The **<cite>** tag specifies citations and references within paragraphs.

Example

This example demonstrates the use of the <cite> tag inside a paragraph:

```
</> Open Compiler

<html>
<head>
  <title>Citations Within Paragraphs</title>
</head>
<body>
  <p> The book <cite>War and Peace </cite> is a classic novel. </p>
```

```
</body>
</html>
```

Styling Paragraph with CSS

The following are the different ways to style HTML paragraphs:

1. Applying CSS Directly to Paragraphs

You can apply CSS styles directly to the paragraphs by writing inline CSS using the 'style' attribute with the **<p>** tag.

```
</>
```

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```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <p style="font-size: 24px; color: #f40;">This is the first paragraph.</p>
    <p>This is the second paragraph.</p>
    <p style="font-size: 24px; background-color: #f40; color: #fff;">This is the third
paragraph.</p>
  </body>
</html>
```

2. Applying CSS on 'p' Element

You can apply CSS styles to all paragraphs within the HTML document by writing CSS rules for the **<p>** tag.

```
</>
```

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```
<!DOCTYPE html>
<html>
  <head>
    <style>
      p {
        font-size: 22px;
        color: #f40;
      }
    </style>
  </head>
```

```
<body>
  <p>This is the first paragraph.</p>
  <p>This is the second paragraph.</p>
  <p>This is the third paragraph.</p>
</body>
</html>
```

3. Using CSS Class with Different Paragraphs

You can apply CSS styles to specific paragraphs by creating a CSS class and using it with the different paragraphs. For this, use the 'class' attribute with the **<p>** tag.

</>

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```
<!DOCTYPE html>
<html>
  <head>
    <style>
      .special {
        font-size: 24px;
        color: #f40;
      }
    </style>
  </head>
  <body>
    <p class="special">This is the first paragraph.</p>
    <p>This is the second paragraph.</p>
    <p class="special">This is the third paragraph.</p>
  </body>
</html>
```

CSS provides extensive control over paragraph styles, allowing you to create visually appealing and well-formatted text on your web page.