

# HTML Examples

Explore the fundamentals of HTML with detailed examples and tutorials.

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## Introduction to HTML

HTML (HyperText Markup Language) is the standard language used to create and design web pages. It is the backbone of any website, providing the structure and content of a web page. This section will guide you through the basics of HTML with detailed examples.

## Basic Structure of an HTML Document

Every HTML document starts with the declaration of the document type, followed by the `<html>`, `<head>`, and `<body>` tags. Here's a simple example of the structure:

### HTML Document Structure Example:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My First Web Page</title>
  </head>
  <body>
    <h1>Hello, World!</h1>
    <p>Welcome to learning HTML.</p>
  </body>
</html>
```

This simple HTML document displays a heading (`<h1>`) and a paragraph (`<p>`). The `<head>` section contains meta-information about the document, while the `<body>` section contains the content that will be displayed on the webpage.

# Hello, World!

Welcome to learning HTML.

## Headings and Paragraphs

HTML offers six levels of headings, from `<h1>` to `<h6>`, where `<h1>` is the largest and most important, and `<h6>` is the smallest. Use headings to structure your content hierarchically.

Paragraphs are defined using the `<p>` tag. Here's an example of how to use headings and paragraphs:

### Example of Headings and Paragraphs:

```
<h1>This is a Heading 1</h1>
<h2>This is a Heading 2</h2>
<p>This is a paragraph of text. HTML helps to structure and style the content of a web page.</p>
```

In the example above, the heading `<h1>` defines the main title of the page, while the paragraph `<p>` provides additional information.

**This is a Heading 1**

**This is a Heading 2**

This is a paragraph of text. HTML helps to structure and style the content of a web page.

## Lists in HTML

HTML supports two types of lists: ordered lists and unordered lists.

### Unordered List:

An unordered list is a list where the order of items does not matter. It is defined with the `<ul>` tag, and each item inside the list is wrapped in a `<li>` tag.

```
<ul>
<li>Item 1</li>
<li>Item 2</li>
<li>Item 3</li>
</ul>
```

### Ordered List:

An ordered list is a list where the order of items matters. It is defined with the `<ol>` tag, and each item is also wrapped in a `<li>` tag.

```
<li>Third item</li>
</ol>
```

- Item 1
- Item 2
- Item 3

1. First item
2. Second item
3. Third item

## Links in HTML

Links are defined with the `<a>` tag. Use the href attribute to specify the URL of the page the link should go to.

### Example of Links:

```
<a href="https://www.example.com">Visit Example</a>
```

The above link will open the website [Example](https://www.example.com) when clicked.

[Visit Example](https://www.example.com)

## Images in HTML

Images are added using the `<img>` tag. The src attribute specifies the path to the image file, and the alt attribute provides alternative text for the image.


### Example of an Image:

```

```

In the example above, the image with the file path "image.jpg" will be displayed on the webpage. The alt text helps users with screen readers or when the image cannot be loaded.

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A description of the image

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## Tables in HTML

HTML tables are defined using the `<table>` tag. Inside the table, use `<tr>` for rows, `<th>` for header cells, and `<td>` for data cells.

### Example of a Table:

```
<table>
  <tr>
    <th>Name</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>John</td>
    <td>25</td>
  </tr>
  <tr>
    <td>Jane</td>
    <td>30</td>
  </tr>
</table>
```

This table shows a list of names and their corresponding ages.

Name	Age
John	25
Jane	30

## Forms in HTML

Forms are used to collect input from users. The basic structure of a form involves the `<form>` tag, along with various input elements like `<input>`, `<textarea>`, and `<button>`.

### Example of a Form:

```
<form action="submit_form.php" method="POST">
  <label for="name">Name:</label>
  <input type="text" id="name" name="name">
  <br>
  <label for="email">Email:</label>
  <input type="email" id="email" name="email">
  <br>
  <button type="submit">Submit</button>
</form>
```

This form allows users to input their name and email and submit the data to the server

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Name:

Email:

## Additional HTML Resources

Learn more about HTML and its capabilities:

[Enlace W3Schools](#)