

# Learn HTML for Beginners: A Step-by-Step Guide to Web Development

HTML (Hypertext Markup Language) is the foundation of all websites. It is a markup language that is used to create the structure and content of a web page. HTML is a relatively easy language to learn, and with a little effort, you can quickly create your own website.



## MAC N CHEESE COOKBOOK: BOOK 2, FOR BEGINNERS MADE EASY STEP BY STEP by SUSAN SAM

★★★★★ 5 out of 5  
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## Getting Started

To get started with HTML, you will need a text editor and a web browser. A text editor is a program that allows you to create and edit text files. A web browser is a program that allows you to view web pages.

Once you have a text editor and a web browser, you can create your first HTML file. To do this, open your text editor and type the following code:

```
<html> <head> <title>My First HTML Page</title> </head>  
<body>
```

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

Save this file with the extension ".html". For example, you could save it as "my\_first\_page.html".

Now, open your web browser and drag and drop the HTML file into the browser window. You should see a web page with the text "Hello, world!" displayed in a heading.

## HTML Structure

An HTML document is made up of a series of elements. An element is a piece of content that is enclosed in angle brackets (< and >). For example, the following code creates a heading element:

```
<h1>Hello, world!</h1>
```

The "h1" in the code indicates that this is a heading element. The text "Hello, world!" is the content of the heading element.

HTML elements can be nested inside each other. For example, the following code creates a paragraph element that is nested inside a heading element:

```
<h1>Hello, world!</h1> <p>This is a paragraph.</p>
```

The "p" in the code indicates that this is a paragraph element. The text "This is a paragraph." is the content of the paragraph element.

## HTML Tags

HTML tags are used to define the different elements in an HTML document. Each HTML element has a start tag and an end tag. The start tag is used to mark the beginning of an element, and the end tag is used to mark the end of an element.

For example, the following code creates a paragraph element:

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

The "`<p>`" is the start tag, and the "`</p>`" is the end tag.

HTML tags can also have attributes. Attributes are used to provide additional information about an element.

For example, the following code creates a paragraph element with a class attribute:

```
<p class="my-class">This is a paragraph.</p>
```

The "class" attribute is used to specify a class for the paragraph element. The class can be used to style the paragraph element with CSS.

## **CSS**

CSS (Cascading Style Sheets) is a style sheet language that is used to style HTML elements. CSS can be used to change the font, size, color, and other aspects of an HTML element.

To use CSS, you need to create a CSS file and link it to your HTML file. For example, the following code creates a CSS file and links it to an HTML file:

```
<html> <head> <title>My First HTML Page</title> <link  
rel="stylesheet" href="style.css" /> </head> <body> <h1>Hello,  
world!</h1> </body> </html>
```

The "style.css" file is the CSS file.

The following code is an example of a CSS rule:

```
h1 { font-size: 2em; color: red; }
```

This rule changes the font size of all h1 elements to 2em and the color to red.

Learning HTML is a great way to get started with web development. HTML is a relatively easy language to learn, and with a little effort, you can quickly create your own website.



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