

# Basics of Web Development

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## Introduction

1. Introduction
  - Basic concepts
  - History of HTML
2. Structure
  - Elements
  - Tags
3. Attributes
  - Global attributes
  - Specific attributes

Web development is the work involved in developing a website for the Internet or an intranet. It can range from developing a simple single static page of plain text to complex web applications, electronic businesses, and social network services.

"Web development is a broad term for the work involved in developing a web site for the Internet or an intranet."

**Key Elements:** HTML, CSS, JavaScript



To learn from w3schools click above link.

Check out [MDN Web Docs](#) for detailed documentation.

Learn more at [Google](#).

Explore [Example Site](#).

# HTML

HTML is the standard language for creating web pages. HTML describes the structure of a web page using markup. HTML elements are the building blocks of HTML pages.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
  </head>
  <body>
    <h1>This is a Heading</h1>
    <p>This is a paragraph.</p>
  </body>
</html>
```

The `<mark>` tag highlights text, while `<del>` and `<ins>` tags show deleted and inserted text, respectively.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce malesuada ultrices nisi, eu tempus ipsum volutpat sit amet.

# CSS

CSS stands for **Cascading Style Sheets**. It describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once.



For any inquiries, email us at [info@webdev.com](mailto:info@webdev.com).

Understanding image maps:



Responsive images with the <picture> element:

Change width to observe changes



**This is a Random Text**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam sit amet turpis vitae odio convallis laoreet.
   
 Integer eu libero eu felis commodo gravida. In eget sapien nec libero suscipit condimentum. Fusce eget semper eros.

Some beautiful tables like this can be made 😊

Category	Item Details			Price
	Name	Description	Quantity	
Electronics	Laptop	High performance laptop for gaming and work	1	\$1200
Furniture	Desk	Ergonomic office desk	1	\$250
Stationery	Notebook	A4 size, 100 pages	5	\$15

# JavaScript

JavaScript is a programming language commonly used in web development. It was originally developed by Netscape as a means to add dynamic and interactive elements to websites. JavaScript is versatile and beginner-friendly.

```
document.addEventListener('DOMContentLoaded', (event) => {  
  document.getElementById('myButton').addEventListener('click', function() {  
    alert('Hello, World!');  
  });  
});
```

Click Me

Visit our [JavaScript Website](#) for more information.

Common elements used in JavaScript include <sub>subscript</sub> and <sup>superscript</sup> text.

## JavaScript Example

Change Text

This is some changeable text.



Happy

Sad

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