

## The History of HTML

HTML was first created by Tim Berners-Lee, Robert Cailliau and others starting in 1989. It stands for Hyper Text Markup Language.

Hyper text means that the document contains links that allow the reader to jump to other pages in the documents or to another document altogether. The latest version is known as HTML5.

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## Introduction of HTML

HTML is used the language of the web.

It is used to create websites.

We use HTML tags to define look and feel of a website.

With understanding of these tags and how to put them together, we can create beautiful websites easily.

Then why CSS and Javascript

HTML is used for defining layout of a page - A backbone page structure.



CSS is used to add styling to that boxbone page created using HTML

JavaScript is used to program Logic for page layout e.g. what happens when a user hovers on a text, when to hide or show elements etc.

## Webpage and Website

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### Webpage

It is part of website that includes info. and content and is displayed on the browser to user or visitor

It is a single document display on the browser

It requires less time to develop a webpage as compared to the website

### Website

Website is a collection of webpages and content and is displayed on the web with a client like browser

It contains more than one webpages that contain information

It requires more time to develop the website as compared to webpage



## HTML Editor

Website can be created and modified by using professional `<HTML>` editors.

There are many HTML editors are available. like Visual Studio Code, Atom, Sublime Text, Brackets, etc.

I personally use Visual Studio Code also know as VS code. because It is light weight, open source and from Microsoft.

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## File Extension of HTML file

When you save an HTML file, you can use either the `.htm` or `.html` extension. In most cases, it is perfectly safe to use `.html`.

## Basic Structure of an HTML Document

```
<html>  
<head>  
  <title> Coding Home </title>  
</head>  
<body>  
  <h2> Heading Content </h1>  
  <p> Paragraph Content </p>  
</body>  
</html>
```

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## Basic Tags: HTML, head, body, Title, etc

**<html>**: This tag represents the root of an HTML document.

The **<html>** tag is the container for all other HTML elements (except for the **<!DOCTYPE>** tag.)

**<head>**: The **<head>** element is used as a container for metadata (data about data). It is used between **<html>** tag and **<body>** tag.

The head of an HTML document is a part whose content is not displayed in the browser on page loading.



It just contains metadata about the HTML document which specifies data about the HTML document.

`<body>` : The `<body>` tag defines the document's body. The `<body>` element contains all the contents of an HTML document, such as headings, ~~pages~~ paragraphs, images, hyperlinks, tables, lists, etc.

Note: there can only be one `<body>` element in a HTML Document.

`<Title>` : The `<title>` tag in HTML is used to define the title of HTML document. It sets the title in the browser toolbar. It provide the title for the web page when it is added to favorites. It displays the title for the page in search engine results.