

Introduction to HTML & HTML5

HTML stands for Hyper Text Markup Language and it is the standard markup language for creating **web pages** and **web applications**. It is used to describe the structure of Web pages using markup.



HTML5 is the 5th version of HTML and is a core technology markup language of internet that is used for **structuring** and **presenting** the content for **www**.

Comparison between HTML and HTML5

Now let's have a look at all the new elements that were added in HTML5 and the factors that make it better than HTML.

Video & Audio

Vector Graphics

Storage

Web Browser Support

Ease of Use

Video & Audio

The first factor in HTML vs HTML5 is the introduction of **audio and video** in

HTML5. There was no such concept of **media** in case of HTML. But it is one of the integral part of the 5th Version.



Vector Graphics



Vector graphics was used in HTML with the help of various technologies such as **VML**, **Flash**, **Silverlight** etc. But it is an integral part of HTML 5 such as **canvas** and **svg**. This was a new addition to the revised version.

Storage



The third factor of comparison is storage. In case of HTML, we can use the **browser cache** as the temporary storage whereas in case of HTML5, **application cache**, **web SQL database** and **web storage** is used.

Web Browser Support



Now for the first version of HTML, all the old **web browsers** run smoothly for creating **web pages**. For HTML5, the new browsers have started supporting its specifications. Some of the browsers include **mozilla firefox, chrome, opera** etc.

Ease of Use



While HTML5 does have risks like **constant updates** , it is generally **easy** to keep up with the changes and updates because of the simpler syntax as compared to other versions of HTML. For instance, you have a very simple declaration at the start of the page to set it as an HTML5 page, ie, the **doctype declaration**.

Syntax

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
<title>Page Title</title>
</head>
<body>
<h1>My First Heading</h1>
<p>My first paragraph.</p>
</body>
</html>
```