

## Lesson No. 1 : Introduction of CSS

CSS stand for **Cascading Style Sheet**. With CSS, you have much better control over the layout of your web pages. You can specify exactly how big a font will be, exactly where an element will be on a page, what the page will look like when printed, and much more.

CSS can also save you a lot of time, particularly when maintaining a large site. Also, the World Wide Web Consortium (W3C) recommends that web developers use CSS tags instead of HTML tags wherever possible. The W3C are gradually phasing out quite a few of these HTML tags.

The basic characteristics of CSS are as follows:

- CSS stands for *Cascading Style Sheets*.
- A CSS file must have a **.css** file extension.
- CSS is a language that works with HTML to define how to present the contents.
- Styles are placed directly into HTML, HTML document head, and/ or in a separate sheet.
- CSS contains rules to define how HTML elements will be styled.
- Many HTML files can use the same CSS file, and one HTML file can use many styles.

### **Advantage of CSS**

#### **I. CSS save time**

Single CSS file can control the appearance of multiple HTML documents. If you wish to make a change to all documents you don't have to make the change in every document, just make it in the CSS file, and it will be reflected on all documents that are linked to it.

#### **II. Page load faster**

By removing the presentation from the HTML documents and saving it in a smaller size CSS file, you get rid of presentation attributes and spacing images which reduces the size of the document and load site pages faster.

#### **III. Multiple device compatibility**

Style sheets allow content to be optimized for more than one type of device. By using the same HTML document, different versions of a website can be presented for handheld devices such as PDAs and cell phones or for printing.

#### IV. Global we standards

Now HTML attributes are being used less as compared to CSS. So it is a good idea to start using CSS in all the HTML pages to make them compatible with future browser.

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