

Web Development Tools help the developers to work with a variety of technologies. Web Development Tools should be able to provide faster mobile development at lower costs.

They should help the developers in creating a responsive design.

Responsive web design will improve the online browsing experience, and facilitate improved SEO, lower bounce rates, and lower maintenance needs. Moreover, the Software Development Tool that you choose should be Scalable.

Here a list of most common tools we will use:

1). **Text Editors.**

A text editor is any word processing program that you can use to type and edit text. Hey, they don't call it a text editor for nothing... Word Pad and NotePad for Windows and SimpleText and TextEdit for the Mac are common text editors. Larger programs such as Microsoft Word and Word Perfect are also text editors, but they have many more features. You can actually write HTML code and create HTML pages with a simple text editor, as long as you know the correct HTML syntax. For this program we encourage you to you Microsoft Visual Studio Code.

2) **HTML5**

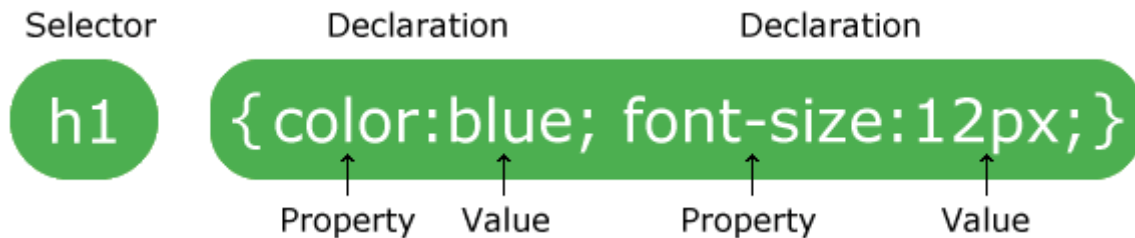
HTML5 is the latest version of Hypertext Markup Language, the code that describes web pages. It's actually three kinds of code: HTML, which provides the structure; Cascading Style Sheets (CSS), which take care of presentation; and JavaScript, which makes things happen.

We've come a long way since HTML could barely handle a simple page layout. HTML5 can be used to write web applications that still work when you're not connected to the net; to tell websites where you are physically located; to handle high definition video; and to deliver extraordinary graphics.

3). **CS3.**

CSS stands for Cascading Style Sheets, CSS describes how HTML elements are to be displayed.

A CSS rule consists of a **selector** and a **declaration** block:



The selector points to the HTML element to style (h1).

The declaration block (in curly braces) contains one or more declarations separated by semicolons.

Each declaration includes a CSS property name and a value, separated by a colon.

4). **JavaScript**

JavaScript is the world's most popular programming language. JavaScript is the programming language of the Web. JavaScript is easy to learn.

Follow the link below to download and install Visual studio code:

<https://code.visualstudio.com/>