**Java** is a [computer programming language](http://en.wikipedia.org/wiki/Computer_programming_language) that is [concurrent](http://en.wikipedia.org/wiki/Concurrent_computing) and specifically designed to have as few implementation dependencies as possible. Just like C# it is class-based and object-oriented. Both languages are statically, [strongly](http://en.wikipedia.org/wiki/Strong_typing) and [manifestly](http://en.wikipedia.org/wiki/Manifest_typing) [typed](http://en.wikipedia.org/wiki/Type_system). Java is one of the most popular programming languages in use, particularly for client-server web applications.

**Python** is a widely used [general-purpose](http://en.wikipedia.org/wiki/General-purpose_programming_language), [high-level programming language](http://en.wikipedia.org/wiki/High-level_programming_language). Its design philosophy emphasizes code[readability](http://en.wikipedia.org/wiki/Readability), and its syntax allows programmers to express concepts in fewer [lines of code](http://en.wikipedia.org/wiki/Lines_of_code) than would be possible in other languages. Both Python and C# supports multiple [programming paradigms](http://en.wikipedia.org/wiki/Programming_paradigm). In Python, unline in C#, you don’t need to decorate any identifier with its type, or specify function argument types and return type.

**PHP** is a [server-side scripting](http://en.wikipedia.org/wiki/Server-side_scripting) language designed for [web development](http://en.wikipedia.org/wiki/Web_development) but also used as a [general-purpose programming language](http://en.wikipedia.org/wiki/General-purpose_programming_language). Its code can be simply mixed with [HTML](http://en.wikipedia.org/wiki/HTML) code, or it can be used in combination with various [templating engines](http://en.wikipedia.org/wiki/Web_template_system) and [web frameworks](http://en.wikipedia.org/wiki/Web_framework). PHP is dynamically typed, unlike C# which is statically typed.

**HTML** or HyperText Markup Language is the standard [markup language](http://en.wikipedia.org/wiki/Markup_language) used to create [web pages](http://en.wikipedia.org/wiki/Web_page). The purpose of a [web browser](http://en.wikipedia.org/wiki/Web_browser) is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page. HTML describes the structure of a website [semantically](http://en.wikipedia.org/wiki/Semantic) along with cues for presentation, making it a [markup language](http://en.wikipedia.org/wiki/Markup_language) rather than a [programming language](http://en.wikipedia.org/wiki/Programming_language).

**C** is a general-purpose [programming language](http://en.wikipedia.org/wiki/Programming_language). It was designed to be compiled using a relatively straightforward [compiler](http://en.wikipedia.org/wiki/Compiler), to provide low-level access to memory, to provide language constructs that map efficiently to machine instructions, and to require minimal [run-time support](http://en.wikipedia.org/wiki/Run-time_system). Many later languages have borrowed directly or indirectly from C (including C#).