**1. Java**



**What it is:** [Java](http://mashable.com/category/java/) is a class-based, object-oriented programming language developed by Sun Microsystems in the 1990s. It's one of the most in-demand programming languages, a standard for enterprise software, web-based content, games and mobile apps, as well as the [Android](http://mashable.com/category/android/)operating system. Java is designed to work across multiple software platforms, meaning a program written on Mac OS X, for example, could also run on Windows.

**Where to learn it:**  
[Udemy](https://www.udemy.com/blog/learn-java/), [Lynda.com](http://www.lynda.com/Java-training-tutorials/1077-0.html?utm_source=google&utm_medium=cpc&utm_campaign=Search-Dev-Java-XCT&utm_content=36326176986&utm_term=learn%20to%20program%20java&gclid=CNvrk4f_gLwCFREaOgodzFMAkA), [Oracle.com](http://www.oracle.com/technetwork/topics/newtojava/overview/index.html), [LearnJavaOnline.org](http://www.learnjavaonline.org/).

**2. C Language**

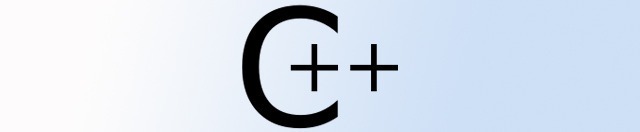


**What it is:** A general-purpose, imperative programming language developed in the early '70s, C is the oldest and most widely used language, providing the building blocks for other popular languages, such as C#, Java, JavaScript and Python. C is mostly used for implementingoperating systems and embedded applications.

Because it provides the foundation for many other languages, it is advisable to learn C (and C++) before moving on to others.

**Where to learn it:**  
[Learn-C](http://www.learn-c.org/), [Introduction To Programming](https://itunes.apple.com/itunes-u/introduction-to-programming/id455865447), [Lynda.com](http://www.lynda.com/Eclipse-tutorials/CC-Essential-Training/94343-2.html?utm_source=google&utm_medium=cpc&utm_campaign=Search-Dev-C&utm_content=34132478586&utm_term=%2Blearning%20%2Bc&gclid=COe65caGgbwCFaxQOgodoSUASA), [CProgramming.com](http://www.cprogramming.com/),[Learn C The Hard Way](http://c.learncodethehardway.org/book/).

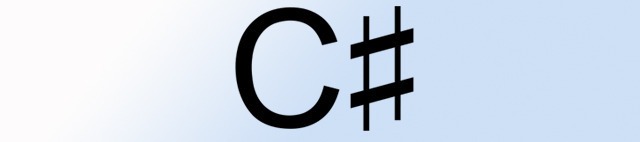
**3. C++**



**What it is:** [C++](http://mashable.com/category/c/) is an intermediate-level language with object-oriented programming features, originally designed to enhance the C language. C++ powers major software like [Firefox](http://mashable.com/category/firefox), [Winamp](http://mashable.com/category/winamp/)and Adobe programs. It's used to develop systems software, application software, high-performance server and client applications and video games.

**Where to learn it:**  
[Udemy](https://www.udemy.com/objective-c-for-iphone-developers/), [Lynda.com](http://www.lynda.com/SharedPlaylist/2b647dd117ef423f81493e2860f967b0?utm_medium=viral&utm_source=slideshare&utm_campaign=top-programming-languages), [CPlusPlus.com](http://www.cplusplus.com/doc/tutorial/), [LearnCpp.com](http://www.learncpp.com/), [CProgramming.com](http://www.cprogramming.com/tutorial.html).

**4. C#**



**What it is:** Pronounced "C-sharp," C# is a multi-paradigm language developed by [Microsoft](http://mashable.com/category/microsoft/) as part of its .NET initiative. Combining principles from C and C++, C# is a general-purposelanguage used to develop software for Microsoft and [Windows](http://mashable.com/category/windows/) platforms.

**Where to learn it:**  
[Udemy](https://www.udemy.com/courses/search/?q=C%23&view=list&utm_medium=udemyads&utm_source=adwords&utm_campaign=CSharp-Search-SN&utm_content=Learn&utm_term=learn%20c%23&matchtype=e&tc=ads.search.CSharp-Search-SN.Learn&xref=adwords2&hb=adwords&gclid=CNLOqpOogbwCFeFlOgodYwYA0g), [Lynda.com](http://www.lynda.com/SharedPlaylist/4930759d839b442eb80de3b25de5afca?utm_medium=viral&utm_source=slideshare&utm_campaign=top-programming-languages), [Microsoft Virtual Academy](http://www.microsoftvirtualacademy.com/training-courses/c-fundamentals-development-for-absolute-beginners#?fbid=o-aUxc5pTi5), [TutorialsPoint.com](http://www.tutorialspoint.com/csharp/).

**5. Objective-C**



**What it is:** Objective-C is a general-purpose, object-oriented programming language used by the[Apple](http://mashable.com/category/apple/) operating system. It powers Apple's [OS X](http://mashable.com/category/os-x/) and [iOS](http://mashable.com/category/ios/), as well as its [APIs](http://mashable.com/category/API), and can be used to create [iPhone](http://mashable.com/category/iphone/) apps, which has generated a huge demand for this once-outmoded programming language.

**Where to learn it:**  
[Udemy](https://www.udemy.com/objective-c-for-iphone-developers/), [Lynda.com](http://www.lynda.com/SharedPlaylist/fdf786e6e4cf44c3b33f54761b0e21da?utm_medium=viral&utm_source=slideshare&utm_campaign=top-programming-languages), [Mac Developer Library](https://developer.apple.com/library/mac/documentation/cocoa/conceptual/ProgrammingWithObjectiveC/Introduction/Introduction.html), [Cocoa Dev Central](http://cocoadevcentral.com/d/learn_objectivec/), [Mobile Tuts+](http://mobile.tutsplus.com/tutorials/iphone/learn-objective-c-day-1/).

**6. PHP**



**What it is:** PHP (Hypertext Processor) is a free, server-side scripting language designed for dynamic websites and app development. It can be directly embedded into an [HTML](http://mashable.com/category/html/) source document rather than an external file, which has made it a popular programming language for web developers. PHP powers more than 200 million websites, including [Wordpress](http://mashable.com/category/wordpress/), [Digg](http://mashable.com/category/digg/) and[Facebook](http://mashable.com/category/facebook/).

**Where to learn it:**  
[Udemy](https://www.udemy.com/phpmysql-for-beginners/), [Codecademy](http://www.codecademy.com/tracks/php), [Lynda.com](http://www.lynda.com/SharedPlaylist/88dc7ca364bb4350876f1c0d742bbfe1?utm_medium=viral&utm_source=slideshare&utm_campaign=top-programming-languages), [Treehouse](http://teamtreehouse.com/join/php?utm_source=google&cid=1352&gclid=CJqvho-Bg7wCFfA7Ogod5iMAwA), [Zend Developer Zone](http://devzone.zend.com/6/php-101-php-for-the-absolute-beginner/),[PHP.net](http://www.php.net/manual/en/getting-started.php).

**7. Python**



**What it is:** [Python](http://mashable.com/category/python/) is a high-level, server-side scripting language for websites and mobile apps. It's considered a fairly easy language for beginners due to its readability and compact syntax, meaning developers can use fewer lines of code to express a concept than they would in other languages. It powers the web apps for [Instagram](http://mashable.com/category/instagram/), [Pinterest](http://mashable.com/category/pinterest) and [Rdio](http://mashable.com/category/rdio/) through its associated web framework, Django, and is used by [Google](http://mashable.com/category/google+), [Yahoo!](http://mashable.com/category/yahoo/) and [NASA](http://mashable.com/category/nasa/).

**Where to learn it:**  
[Udemy](https://www.udemy.com/draft/6955/), [Codecademy](http://www.codecademy.com/tracks/python), [Lynda.com](http://www.lynda.com/SharedPlaylist/54da95fb5fe644af9267e9a404541e18?utm_medium=viral&utm_source=slideshare&utm_campaign=top-programming-languages), [LearnPython.org](http://www.learnpython.org/), [Python.org](http://www.python.org/about/gettingstarted/).

**8. Ruby**



**What it is:** A dynamic, object-oriented scripting language for developing websites and mobile apps, [Ruby](http://mashable.com/category/ruby/) was designed to be simple and easy to write. It powers the [Ruby on Rails](http://mashable.com/category/ruby-on-rails/) (or Rails) framework, which is used on [Scribd](http://mashable.com/category/scribd/), [GitHub](http://mashable.com/category/github/), [Groupon](http://mashable.com/category/groupon/) and [Shopify](http://mashable.com/category/shopify/). Like Python, Ruby is considered a fairly user-friendly language for beginners.

**Where to learn it:** [Codecademy](http://www.codecademy.com/tracks/ruby), [Code School](https://www.codeschool.com/paths/ruby?gclid=CO224KiIg7wCFWhnOgodmGwAuw), [TryRuby.org](http://tryruby.org/levels/1/challenges/0), [RubyMonk](https://rubymonk.com/).

**9. JavaScript**



**What it is:** JavaScript is a client and server-side scripting language developed by [Netscape](http://mashable.com/category/netscape/) that derives much of its syntax from C. It can be used across multiple web browsers and is considered essential for developing interactive or animated web functions. It is also used in game development and writing desktop applications. JavaScript interpreters are embedded in Google's [Chrome](http://mashable.com/category/chrome) extensions, Apple's [Safari](http://mashable.com/category/safari/) extensions, Adobe Acrobat and Reader, and Adobe's Creative Suite.

**Where to learn it:** [Codecademy](http://www.codecademy.com/tracks/javascript), [Lynda.com](http://www.lynda.com/SharedPlaylist/2066084a8ec140e99e8ba6a10bf40b52?utm_medium=viral&utm_source=slideshare&utm_campaign=top-programming-languages), [Code School](https://www.codeschool.com/paths/javascript?gclid=CNDzg8eLg7wCFeFlOgodYwYA0g), [Treehouse](http://teamtreehouse.com/library/javascript-foundations), [Learn-JS.org](http://www.learn-js.org/).

**SEE ALSO:**[**Is JavaScript the Future of Programming?**](http://mashable.com/2012/11/12/javascript/)

**10. SQL**



**What it is:** Structured Query Language (SQL) is a special-purpose language for managing data in relational database management systems. It is most commonly used for its "Query" function, which searches informational databases. SQL was standardized by the American National Standards Institute (ANSI) and the International Organization for Standardization (ISO) in the 1980s.

**Where to learn it:**  
[Lynda.com](http://www.lynda.com/SharedPlaylist/d35f6f97cacc4debb195901209909a6a?utm_medium=viral&utm_source=slideshare&utm_campaign=top-programming-languages" \t "_blank), [SQLCourse.com](http://www.sqlcourse.com/index.html), [TutorialsPoint.com](http://www.tutorialspoint.com/sql/), [SQLZoo.net](http://sqlzoo.net/wiki/Main_Page).