**JDeveloper** is a [freeware](http://en.wikipedia.org/wiki/Freeware) [IDE](http://en.wikipedia.org/wiki/Integrated_development_environment) supplied by [Oracle Corporation](http://en.wikipedia.org/wiki/Oracle_Corporation). It offers features for development in [Java](http://en.wikipedia.org/wiki/Java_(programming_language)), [XML](http://en.wikipedia.org/wiki/XML), [SQL](http://en.wikipedia.org/wiki/SQL) and [PL/SQL](http://en.wikipedia.org/wiki/PL/SQL),[HTML](http://en.wikipedia.org/wiki/HTML), [JavaScript](http://en.wikipedia.org/wiki/JavaScript), [BPEL](http://en.wikipedia.org/wiki/BPEL) and [PHP](http://en.wikipedia.org/wiki/PHP). JDeveloper covers the full development lifecycle from design through coding, debugging, optimization and profiling to deploying. With JDeveloper, Oracle has aimed to simplify application development by focusing on providing a visual and declarative approach to application development in addition to building an advanced coding-environment.

**Eclipse** is an [integrated development environment](http://en.wikipedia.org/wiki/Integrated_development_environment) (IDE). It contains a base [workspace](http://en.wikipedia.org/wiki/Workspace) and an extensible [plug-in](http://en.wikipedia.org/wiki/Plug-in_(computing)) system for customizing the environment. Written mostly in [Java](http://en.wikipedia.org/wiki/Java_(programming_language)), Eclipse can be used to develop applications. The Eclipse [software development kit](http://en.wikipedia.org/wiki/Software_development_kit) (SDK), which includes the Java development tools, is meant for Java developers. Users can extend its abilities by installing plug-ins written for the Eclipse Platform, such as development toolkits for other programming languages, and can write and contribute their own plug-in modules.

**NetBeans** is an [integrated development environment](http://en.wikipedia.org/wiki/Integrated_development_environment) (IDE) for developing primarily with [Java](http://en.wikipedia.org/wiki/Java_(programming_language)), but also with other languages, in particular [PHP](http://en.wikipedia.org/wiki/PHP), [C](http://en.wikipedia.org/wiki/C_(programming_language))/[C++](http://en.wikipedia.org/wiki/C%2B%2B), and [HTML5](http://en.wikipedia.org/wiki/HTML5). It is also an [application platform](http://en.wikipedia.org/wiki/Platform_(computing)) framework for Java desktop applications and others. The NetBeans Platform allows applications to be developed from a set of modular [software components](http://en.wikipedia.org/wiki/Software_component) called *modules*.

**IDLE** is an [integrated development environment](http://en.wikipedia.org/wiki/Integrated_development_environment) for [Python](http://en.wikipedia.org/wiki/Python_(programming_language)), which has been bundled with the default implementation of the language. It is packaged as an optional part of the Python packaging with many [Linux distributions](http://en.wikipedia.org/wiki/Linux_distributions). It is completely written in Python and the [Tkinter](http://en.wikipedia.org/wiki/Tkinter) GUI toolkit. IDLE is intended to be a simple IDE and suitable for beginners, especially in an educational environment. To that end, it is cross-platform, and avoids feature clutter.

**SharpDevelop** (also styled as #develop) is a [free and open source](http://en.wikipedia.org/wiki/Free_and_open_source) [integrated development environment](http://en.wikipedia.org/wiki/Integrated_development_environment) for the [.NET Framework](http://en.wikipedia.org/wiki/.NET_Framework), [Mono](http://en.wikipedia.org/wiki/Mono_(software)), [Gtk#](http://en.wikipedia.org/wiki/Gtk_Sharp) and [Glade#](http://en.wikipedia.org/wiki/Glade_Sharp) platforms. It supports development in [C#](http://en.wikipedia.org/wiki/C_Sharp_(programming_language)),[Visual Basic.NET](http://en.wikipedia.org/wiki/Visual_Basic_.NET), [Boo](http://en.wikipedia.org/wiki/Boo_(programming_language)), [F#](http://en.wikipedia.org/wiki/F_Sharp_(programming_language)), [IronPython](http://en.wikipedia.org/wiki/IronPython) and [IronRuby](http://en.wikipedia.org/wiki/IronRuby) [programming languages](http://en.wikipedia.org/wiki/Programming_language). It was designed as a free and lightweight alternative to [Microsoft Visual Studio](http://en.wikipedia.org/wiki/Microsoft_Visual_Studio), and contains an equivalent feature for almost every essential Visual Studio Express feature, including features for project management, code editing, application compiling and debugging.