Software Available

Currently Spoken Tutorial project offers software training on the below mentioned list of software, applications and programming languages.

Spoken Tutorial Software Series

No.	Software	Application
1	**Basic IT Skills package**	Learn how to use • The **Linux** operating system • **LibreOffice Suite** - for basic Office applications and • **Firefox** web browser - to browse the internet safely This package is useful to all who wish to learn basic IT skills. Absolute must for beginners.
2	**Blender**	Open source equivalent to Maya and 3DMax. Useful to create 3D Animation for Architecture & Animation students. Can be used by Civil Engineering students, also.
3	**C and C++**	Powerful features, simple syntax, and portability make **C** a preferred language among programmers, for business and industrial applications. Widely used in the development of operating systems.
4	**Advanced C++**	For **Advanced C++** series, learner should necessarily go through **C** and **C++** series beforehand.
5	**Firefox**	Free, open source and popular web browser. Allows you to view Internet web pages, navigate through web pages, and search for web pages using search engines such as Google, Yahoo Search or Bing.
6	**GChemPaint**	**GChemPaint** allows you to draw and display 2D chemical structures. This application is useful for school students (9th standard and above) as well as school teachers. Very useful to teach and learn abstract chemistry concepts.
7	**GeoGebra**	Interactive Geometry, Algebra and Calculus application for school students (7th standard and above) as well as school teachers. Very useful to teach and learn abstract geometry concepts.
8	**GIMP**	Graphics art and design software application for the editing and creation of original images, icons, graphical elements of web pages and art for user interface elements. Useful for all graphic related work. Open source

		equivalent of **Photoshop**.
9	**Java and Netbeans**	Learn to use **Java** • Free and open source, high level, simple as well as object-oriented programming language. Included in the curriculum of schools and colleges offering Computer Science and IT subjects. Learn to use **Netbeans IDE** • **NetBeans IDE** is an open-source integrated development environment. NetBeans IDE supports development of all Java application types (Java SE including JavaFX, (Java ME, web, EJB and mobile applications) • With **Netbeans IDE**, one can quickly and easily develop desktop, mobile and web applications with **Java, HTML5, PHP, C/C++** and more We recommend that **Java** series be followed with **Netbeans** series.
10	**Java Business Application**	Learn how to create a business application from scratch. For **Java Business Application** series, learner should necessarily go through **Java** and **Netbeans** series beforehand.
11	**Jmol Application**	Learn how to create 3D chemical, crystal and biomolecules structures. This application is useful for school students (9th standard upto Post Graduation level) as well as school teachers. Very useful to teach and learn abstract chemistry concepts.
12	**KTurtle**	An educational programming environment which helps in learning how to build logic and how to program, in an easy manner. Some of its features are: intuitive syntax highlighting, simple error messages, integrated canvas to make drawings on, integrated help function, slow-motion or step execution, and more. Recommended for all who would like to learn programming logic.
13	**LaTeX &XFig**	**LaTeX** is a typesetting software for preparing reports, letters and presentations - specially useful for persons engaged in writing/ publishing documents from science/ arts/ commerce fields.

		Xfig is a free and open source vector graphics editor. In **Xfig**, figures may be drawn using objects such as circles, boxes, lines, spline curves, text, etc. ... and used in **LaTeX** and other documents.
14	**LibreOffice Suite**	Trains in basic computer usage skills like Word processing, Spreadsheet, Presentation using the LibreOffice components **Writer**, **Calc** and **Impress**. One can also learn other useful components like **Draw**, **Math** and **Base** in this series.
15	**Linux and Ubuntu**	Free operating system, almost neutral to virus attacks and no hassles for licensing issues.
16	**BASH (Shell Scripting)**	Learn Bash after going through the Linux series Bash is a "Unix shell" command-line interface for interacting with the operating system. Bash has the ability to run an entire script of commands, known as a "Bash Shell script" or "Shell script".
17	**OpenFOAM**	Open source/ free CFD (Computational Fluid Dynamics) software available for solving and analyzing problems and to create a real world fluid flow movie. Open source equivalent to FLUENT. Widely used in Academics and is gaining popularity in Industry as well- Companies including AUDI, Tata Steel, Volkswagen, and Govt. agencies like BARC (Babha Atomic Research Center).
18	**Oscad**-now**FreeEDA**	Open Source EDA tool for circuit design, simulation, analysis and PCB design. It is an integrated tool built using open source software such as **KiCad, Ngspice** and **Scilab**.
19	**Perl**	Practical Extraction and Reporting Language commonly known as PERL is a high level, general purpose and dynamic programming language. PERL has been used in graphics, web and network programming etc and you can find it's footprints in finance and bioinformatics domain, too.
20	**PHP & MySQL**	Package for developing interactive websites and establishing back-end connectivity with a database - Famous websites using PHP include Facebook, Google, and Wikipedia.
21	**Python**	Numerical computational software for Science and Engineering Education - used in 3D animation and Gaming industry, Artificial Intelligence, YouTube, NASA, CERN, Yahoo and so on.
22	**Scilab**	Mathematical and scientific calculation software, open source substitute for MATLAB, very useful for all science and engineering students, in academics

		particularly.
23	**Ruby**	Dynamic, open source, general-purpose, interpreted, true object-oriented programming language. It is a server-side scripting language similar to Python and PERL. Large programs written in Ruby are easily maintainable. It can be easily connected to DB2, MySQL, Oracle, and Sybase.
24	**KTouch**	Typing tutor - teaches how to type using an online interactive keyboard. Learn typing at your own pace. Gradually increase your typing speed and along with it, your accuracy.
25	**TuxTyping**	Typing application especially for children Start typing, Practice lessons, Play a game, Set language for typing