“**SOFTWARE TO SOLVE LINEAR EQUATION IN TWO VARIABLE”**

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**INTRODUCTION :**

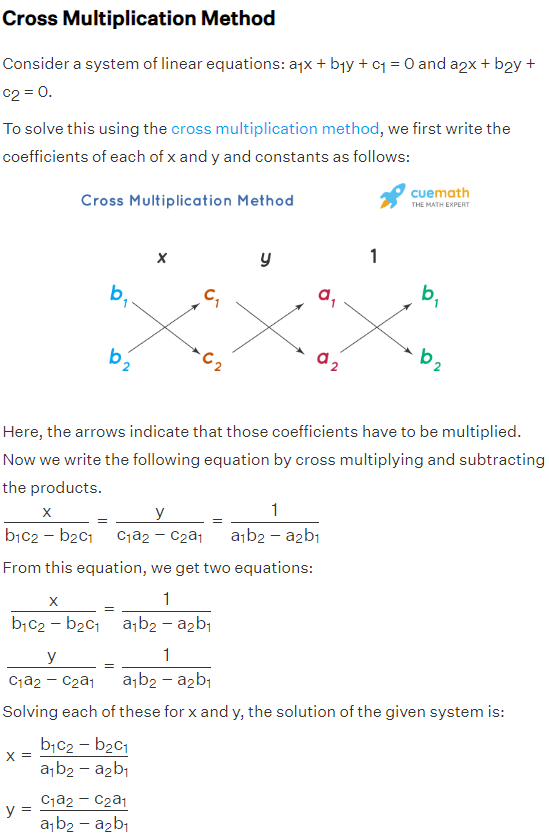
**Computer software** is the set of instructions and data that tells a computer what to do and how to do it. Software provides instructions to your computer’s hardware. Without it, your PC or Mac would be little more than a large paperweight. But software actually comes in three main types: [system software](https://www.techopedia.com/definition/5476/system-software), [programming software](https://www.techopedia.com/definition/450/middleware) and application software. System software includes all the stuff that makes up a computer's [operating system](https://www.techopedia.com/definition/3515/operating-system-os) (OS), including [device drivers](https://www.techopedia.com/definition/6824/device-driver), [configuration files](https://www.techopedia.com/definition/3339/configuration-file-config-file) and other key system components. This is the software that tells the computer’s hardware what to do and provides a foundation for the system. Programming software, or middleware, works much like the plumbing in your home by invisibly keeping things running behind the scenes. **Application software**, however, is the most important type for computer users **because it is used to achieve many of the tasks that make us turn to our computers in the first place**, such as word processing, web browsing and data crunching.[Numerical analysis](https://en.wikipedia.org/wiki/Numerical_analysis) and [symbolic computation](https://en.wikipedia.org/wiki/Symbolic_computation) had been in most important place of the subject, but other kind of them is also growing now. A useful mathematical knowledge of such as [algorism](https://en.wikipedia.org/wiki/Algorism) which exist before the [invention](https://en.wikipedia.org/wiki/Invention) of [electronic computer](https://en.wikipedia.org/wiki/Computer), helped to mathematical software developing. On the other hand, by the growth of [computing power](https://en.wikipedia.org/wiki/Computing_power) (such as seeing on [Moore's law](https://en.wikipedia.org/wiki/Moore%27s_law)), the new treatment (for example, a new kind of technique such as [data assimilation](https://en.wikipedia.org/wiki/Data_assimilation) which combined numerical analysis and [statistics](https://en.wikipedia.org/wiki/Statistics)) needing conversely the progress of the [mathematical science](https://en.wikipedia.org/wiki/Mathematical_science) or [applied mathematics](https://en.wikipedia.org/wiki/Applied_mathematics).  
The progress of mathematical information presentation such as [TeX](https://en.wikipedia.org/wiki/TeX) or [MathML](https://en.wikipedia.org/wiki/MathML)[[2]](https://en.wikipedia.org/wiki/Mathematical_software#cite_note-2) will demand to evolution form *formula manipulation language* to true *mathematics manipulation language* (notwithstanding the problem that whether [mathematical theory is inconsistent](https://en.wikipedia.org/wiki/G%C3%B6del%27s_incompleteness_theorems) or not). And popularization of general purpose mathematical software, special purpose mathematical software[[3]](https://en.wikipedia.org/wiki/Mathematical_software#cite_note-3) so called *one purpose software* which used special subject will alive with adapting for environment progress at normalization of platform. So the diversity of mathematical software will be kept.

**OBJECTIVE OF THE PROJECT**

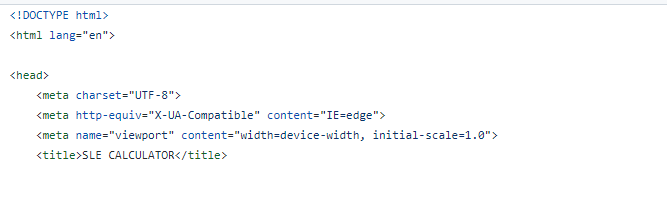
**This project is a mathematical software** . It calculates the values of variables involved in linear equation in two variable . This software will use the coefficient of the variables in linear equation in two variable to calculate the values of the variables. . It is helpful for students,teachers and it’s a perfect example of **integration of computer science and mathematics.** It uses markup language like HTML . Scripting language like JAVASCRIPT, style language like CSS.

**SOFTWARE/ HARDWARE REQUIREMENTS :**

* Computer with windows or mac OS
* Browser to run HTML file.
* Android version 10 or above

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1. index.html file is created with title : SLE CALCULATOR

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**Out put :**

**Screenshot 2022-09-10 131157.png**

1. **within <body> </body> tag the code for calculator is coaded.**

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