Programming is the art of feeding commands to a computer, in a language it can understand. These instructions tell the computer how to perform a certain task or tasks, set by the person writing them. The person writing the code is called a programmer/coder/developer. A programmer uses a wide range of computer programming languages depending on the task at hand. Some of them include JavaScript, Python, Java, Php, C, C+, and C++.

Each programming language is used to create different types of software, eg websites, operating systems, security systems, mobile applications, and desktop applications among others

Websites are an excellent example to go with as we use them almost daily to access goods and services, To understand which language to use when building a website, we first have to understand the architecture of a website. A website is divided into either The front-end: what you see when you load the URL eg [www.google.com](http://www.google.com). And the back-end code; controls what happens when you type in a search query and click the search button. Some back-end code picks your query and sends it to the database which then brings back the results you see.

The front-end is built using a Hypertext markup language (HTML)HTML is the backbone of any website, and a second language known as CSS{cascading style sheets} is used to style the website (adding colors to make the website look more appealing). A third language known as PHP (pre-hypertext processor) which is a backend language is the link between your website's front-end and the database where the data being displayed is stored. The database itself is written by query statements in a language known as MYSQL. A combination of these four languages (known as a STACK) is what it takes to deliver you search results on any website. The stack we just discussed earlier is known by the abbreviation LAMPP.

Programming is a tool that is used in a widerange in every industry (medicine, finance, education, mining, logistics, aviation etc ) to create softwares that make work easier and more efficient programming is a tool built for problem-solving, from making e-commerce websites such as [www.Amazon.com](http://www.amazon.com) , [www.Jumia.co.ke](http://www.jumia.co.ke) , and [www.Kilimall.co.ke](http://www.kilimall.co.ke) to building information management systems for Hospitals, Banks, Schools, Libraries, etc. These systems have the common factor that they have solved problems within their area.

Social networking sites such as Facebook, Whatsapp, Twitter Instagram, etc have solved communication challenges. You can now voice call or video call with anyone around the world with access to a smartphone and an internet connection.

Seeing as programming has been used to solve so many problems we seek to take advantage of this, to use it as a tool for promoting social change/fighting for social justice in our communities if we can sensitize the community on the importance of learning programming as a tool for solving problems, a lot of our challenges can be solved by kids as young as 10. From Suicide prevention apps, apps to help school-going kids report bullying to see something, Say Something. Save Our City Get alerts when you are close to a shooting area, gender equality unemployment poverty water pollution