PROGRAMMING is a process of creating codes which consists of a series of instructions known as ALGORITHM that can be represented as FLOWCHART to solve a problem.

Programming language is a machine language that the computer understands. We have many programming languages such as:

1- Python

2- Java

3- Html

4- C++

5- C

6- C#

7- CSS

8- JavaScript

9- Objective-C

10- PHP

Some of these languages can be simple or complex to decipher. An INSTRUCTION is made of one or more statements which make up a PROGRAM. They can be used as a means of communication between human and machine. As these programming languages differ so do their uses differ or are similar.

Listing a few examples with their uses below;

**USES OF PYTHON**

* Data visualization
* Data analysis
* Machine learning
* Artificial intelligence
* Back-end web development (with frameworks like Django and Flask)
* Game development

**USES OF JAVA**

* Mobile development (Android)
* Desktop software (cross-platform)
* Game development
* Big data technology

**USES OF HTML**

* Building the structure web page: sections, rows, columns
* Creating individual content elements: paragraphs, headings, lists, embedded images, etc.

**USES OF C++**

* Desktop applications and software
* Mobile apps
* Game engines and games
* Web applications

**USES OF C**

* Operating systems and system tools
* Game development
* Advanced computation and graphics
* Compilers
* Enterprise software

**USES OF C#**

* Game development (Unity)
* Desktop applications (Microsoft, Windows)
* Web services
* Web applications