

# Java

## Java:-

Java is a multi-platform, object-oriented, and network-centric language. It is among the most used programming language. Java is also used as a computing platform.

It is considered as one of the fast, secure, and reliable programming language.

## Uses of Java:

Here are some important

Java application.

- \* It is used for developing Android Apps
- \* Helps you to create Enterprise Software.
- \* Wide range of Mobile Java Applications
- \* Scientific Computing Applications
- \* Used for Big Data Analytic.
- \* Java programming of Hardware devices.
- \* Used for server-side Technologies.

## History of Java programming Language:

- \* The Java language was initially called OAK
- \* It was developed for handling portable devices and set-top boxes. OAK was a massive failure.
- \* In 1995, Sun changed the name to "Java" and modified the language to take advantage of the burgeoning WWW development Business.



## Features of Java:-

Here are some important Java features that are given Below.

- \* It is one of the easy-to-use programming language to learn.
- \* Write code once and run it on almost any computing platform.
- \* Java is platform-independent. Some programs developed in one machine can be executed in another machine.
- \* It is designed for building object-oriented applications.
- \* It is a multithreaded language with automatic memory management.
- \* It is created for the distributed environment of the Internet.
- \* Facilitates distributed computing as it network-centric.

## Components of Java:-

A Java programmer writes a program in a human-readable language called Source code. Therefore, the CPU or chips never understand the source code written in any programming language.