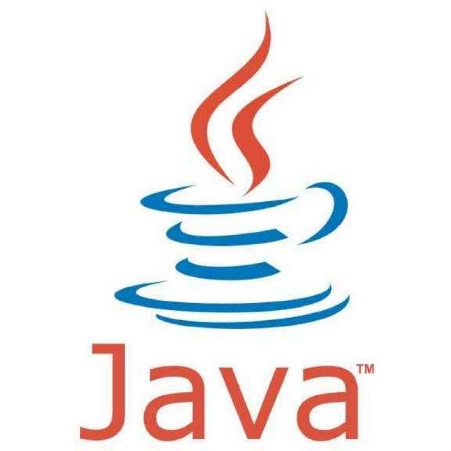


**java**

**CORE JAVA**



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**Introduction of Languages**

* we are going to learn about programming language first we have to know about the language.
* Languages are two types

1.General Language

2. Programming language

**What is language...?**

* Language is used by people communicate with one person to another person with their respective region. Comparing to our country each state has their own language.

**Ex:** Telugu, Hindi, Tamil, Kannada …etc

**Why do we need language...?**

* we need the language to communicate with others to solve their daily base activities.
* Now we have to go understand about the programming language.

**Introduction of Programming Language**

**What is programming language...?**

* Programming language is nothing but a set of instructions which can be able to understand by the microprocessor.
* microprocessor is a hardware it is built/ residing in your computer which knows machine understandable language (byte code). i.e., 0’s and 1’s

**Why do we need programming language...?**

* we need programming language is require to develop the software to communicate with the hardware.
* Without programming language there is no software and without software there is no hardware, so these are the mutual understand between programming language, software and hardware.
* In the world there are so many programming languages are there.

**Ex:**  C, C++, Python, .Net, java, Cobol…etc

**Introduction of java programming language**

**What is java...?**

* Java is a one of the programming Language which are used in all over in the world.

**Why do we need java...?**

* We need java to develop the software very easily and most securely to compare with the other programming languages.

**Why software industries mostly using java to develop a software compare to other programming languages...?**

* Java is very understandable language compare to the other programming languages.
* Java is very easy process to write, compilation and execution of code compare with the other programming languages.
* In java language “code reusability feature “is introduced in java.
* In java code “Code modularity / separation of the code” feature also introduced.

**NOTE:**

* In “C and C++” languages are literally failed to introduced the “Code -reusability” and “Code modularity” features. this is the reason java is most powerful programming language compare to the other programming languages.