

Introduction of java

Histroy Of Java:-

The language was initially called Oak after an oak tree that stood outside Gosling's office. Later the project went by the name Green and was finally renamed Java, from Java coffee, a type of coffee from Indonesia.

Java:-

- Java is a class based & high level & object oriented programming language, developed by "JAMES GOSLING" and "HIS FRIENDS" in the year 1995.
- The first version of java (jdk-1.0) was released on the year jan 23rd 1996 by "Sun microSystem "

Why learn java:-

- Simple and easy to learn
- Open source
- Platform independent
- Multithreading concept
- Secure
- Embedded
- Compiled & interpreted
- Robust
- Large library & frameworks

Why java so popular:-

->Because java have 3 flavours

1. Core java(J2SE)-use to develop software.i.e-calculator& calendar and so on..
2. Advance java(J2EE)-use to develop web page. i.e database webpage & library management and son..
3. Android Java(J2ME)-use to develop Application i.e android app

Syntax of java:-

```

Class class-name {

Public static void main(String args[]){

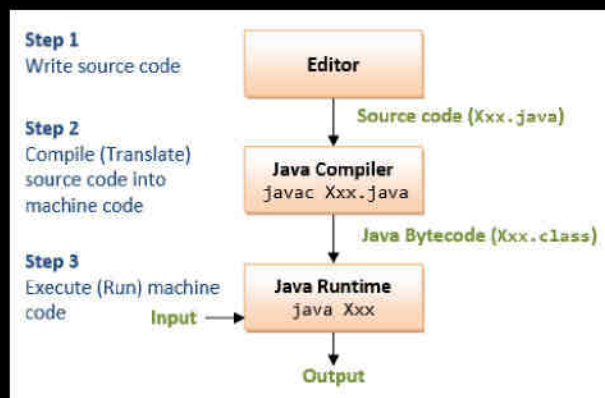
\\ code

}

}

```

Compilation & execution process of java:-



Command in java:-

If we are putting commands in our code, then that code is not executed. In Java, there are 2 types of commands:

- Single-line (//) - use for only one line of code
- Multi-line (/*.....*/) - use for multiple lines of code

```

/*
 * First Java program, which says hello.
 */
public class Hello { // Save as "Hello.java"
    public static void main(String[] args) { // Program entry point
        System.out.println("hello, world"); // Print text message
    }
}

```

Output-hello world.