

Core Java

#THEKAMALNAIN
@THEKAMALNAIN

What is Java

Java is a **programming language** and Java is a **platform**.

Java is a high level,

object-oriented,

N

secure programming language.

History of Java

Java was developed by *Sun Microsystems* (which is now the subsidiary of Oracle) in the year 1995.

Before Java, its name was *Oak*.

Since Oak was already a registered company, so James Gosling and his team changed the Oak name to Java.

James Gosling is known as the father of Java.

- 1.JDK Alpha and Beta (1995)
- 2.JDK 1.0 (23rd Jan 1996)
- 3.JDK 1.1 (19th Feb 1997)
- 4.J2SE 1.2 (8th Dec 1998)
- 5.J2SE 1.3 (8th May 2000)
- 6.J2SE 1.4 (6th Feb 2002)
- 7.J2SE 5.0 (30th Sep 2004)
- 8.Java SE 6 (11th Dec 2006)
- 9.Java SE 7 (28th July 2011)
- 10.Java SE 8 (18th Mar 2014)
- 11.Java SE 9 (21st Sep 2017)
- 12.Java SE 10 (20th Mar 2018)

Java Platforms / Editions

- 1) Java SE (Java Standard Edition)
- 2) Java EE (Java Enterprise Edition)
- 3) Java ME (Java Micro Edition)
- 4) JavaFX

Application by JAVA

1. Desktop Applications such as acrobat reader, media player, antivirus, etc.
2. Web Applications such as irctc.co.in.
3. Enterprise Applications such as banking applications.
4. Mobile
5. Embedded System
6. Smart Card
7. Robotics
8. Games, etc.

Types of Java Applications

- 1) Standalone Application
- 2) Web Application
- 3) Enterprise Application
- 4) Mobile Application