

Core Java

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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