

# SNS COLLEGE OF TECHNOLOGY



An Autonomous Institution  
Coimbatore-35

## Department of Computer Science & Engineering

**23ITT202 – Object Oriented Programming**

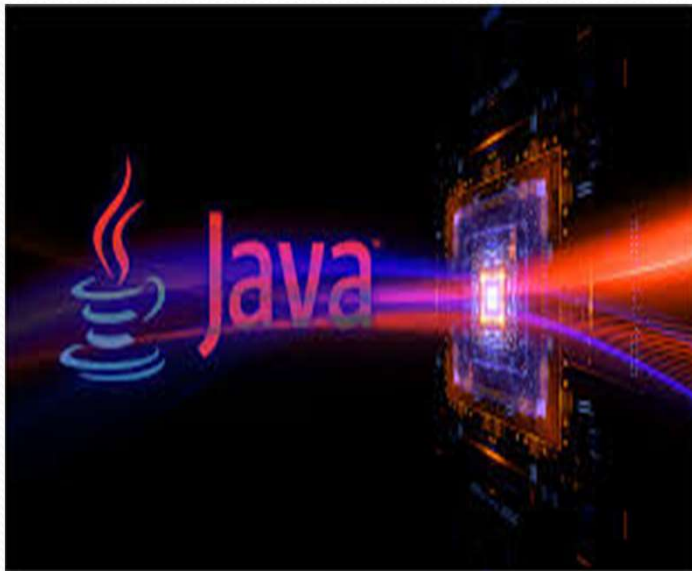
I B.E CSE/ II SEMESTER

## **UNIT I :Introduction To OOPS**

**Topic 2 : The Evolution of Java**



## The Evaluation of Java...



- Java was built around key design goals:
- ✓ robustness, portability, platform independence, high performance, and multithreading.
  - ✓ Over the years the Java Class Library expanded from only a few hundred classes to thousands and the platform grew to support enterprise, mobile, and cloud applications.
  - ✓ Since the first public release of JDK 1.0, Java has undergone continual revision via the Java Community Process (JCP).

## Evolution of java

Version	Release Date	Major Changes
<b>JDK 1.0</b>	Jan 1996	First official release of Java.
<b>JDK 1.1</b>	Feb 1997	Added inner classes, JavaBeans, JDBC, RMI.
<b>J2SE 1.2</b>	Dec 1998	Collections Framework, Swing GUI toolkit, JIT compiler.
<b>J2SE 1.3</b>	May 2000	HotSpot JVM, JNDI, Proxy classes.
<b>J2SE 1.4</b>	Feb 2002	Assert keyword, regex, NIO improvements.
<b>Java SE 5.0</b>	Sep 2004	Generics, enhanced-for loop, autoboxing, annotations.
<b>Java SE 6</b>	Dec 2006	Scripting support, JDBC 4.0, pluggable annotations.
<b>Java SE 7</b>	Jul 2011	Try-with-resources, binary literals, strings in switch.
<b>Java SE 8</b>	Mar 2014	Lambda expressions, Stream API, new Date-Time API.
<b>Java SE 9</b>	Sep 2017	Module system (Project Jigsaw).
<b>Java SE 10</b>	Mar 2018	Local-variable type inference (var), performance enhancements.
<b>Java SE 11 (LTS)</b>	Sep 2018	HTTP Client API, TLS 1.3, Flight Recorder.
<b>Java SE 11 (LTS)</b>	Sep 2018	HTTP Client API, TLS 1.3, Flight Recorder.
<b>Java SE 12</b>	Mar 2019	Switch expressions (preview), JVM GC improvements.
<b>Java SE 13</b>	Sep 2019	Text blocks, improved switch expressions.
<b>Java SE 14</b>	Mar 2020	Records (preview), pattern-matching for instanceof (preview).
<b>Java SE 15</b>	Sep 2020	Sealed classes (preview), hidden classes, Foreign-Function & Memory API (incubator).
<b>Java SE 16</b>	Mar 2021	Finalised records and pattern matching for switch (preview).
<b>Java SE 17 (LTS)</b>	Sep 2021	Finalised sealed classes, improved rendering on macOS.
<b>Java SE 18</b>	Mar 2022	Further language and library enhancements.
<b>Java SE 20</b>	Mar 2023	Incubator/preview features, part of rapid-release cadence.
<b>Java SE 21 (LTS)</b>	Sep 2023	Several previewed features from earlier versions matured.
<b>Java SE 24</b>	Mar 2025	Latest public release as of writing.

4/8/2026

Evolution of Java/OOPS/Dr. K.Periyakaruppan/CSE/SNSCT

3/6

# Assessment

**1. Enterprise-grade AI ensures data \_\_\_\_\_ and compliance.**

**Answer:** privacy

**2.Spring AI is mainly used to integrate \_\_\_\_\_ into Spring applications.**

- a) Databases
- b) Generative AI models**
- c) Web servers
- d) Operating systems

**3.What is the main goal of enterprise-grade AI?**

# References

- <https://www.geeksforgeeks.org/java/the-complete-history-of-java-programming-language/>
- <https://www.guvi.in/blog/the-evolution-of-java/>
- <https://www.tutorialspoint.com/java/java-history.htm>

