# JAVA VERSIONS

Java 1.0 (1996): Initial release with basic libraries for applet development.Java 1.1 (1997): Inner classes, JavaBeans, RMI, JDBC, AWT event model.

Java 2 (1998-1999): Split into J2SE, J2EE, J2ME. Introduced Swing, Collections framework.

Java 1.3 (2000): Hotspot JVM, CORBA.

Java 1.4 (2002): assert keyword, NIO, Logging API, XML processing.Java 5 (2004): Generics, metadata (annotations), enumerated types, enhanced for loop, varargs.

Java 6 (2006): Scripting language support, performance improvements, Web Services.

Java 7 (2011): Try-with-resources, Diamond Operator, Multicatch, NIO.2.

Java 8 (2014): Lambda expressions, Stream API, Date and Time API, default methods in interfaces.

Java 9 (2017): Module system, JShell, improved Javadoc, HTTP/2 client.

Java 10 (2018): Local variable type inference (var keyword).

Java 11 (2018): Long-term support (LTS), new HTTP client, removal of Java EE modules.

Java 12 (2019): Switch expressions (preview), JVM Constants API.

Java 13 (2019): Text blocks (preview), dynamic CDS archives.

Java 14 (2020): Records (preview), Pattern matching for instanceof (preview).

Java 15 (2020): Sealed classes (preview), hidden classes.

Java 16 (2021): Pattern matching for instanceof, records, sealed classes.

Java 17 (2021): LTS, sealed classes, pattern matching for switch (preview).

Java 18 (2022): Simple web server, UTF-8 by default.

Java 19 (2022): Virtual threads (preview), structured concurrency (preview).

Java 20 (2023): Continued previews of previous features, new incubating APIs.

Java 21 (2023): Next LTS, finalized previews, vector API.