JAVA 8

# What is Java 8?

Oracle released a new version of Java as Java 8 in 18 March, 2014.It includes various upgrades to the Java programming, JVM, Tools and libraries.

The main objective of java 8 is to enable **functional programming**

## What are the Features of Java 8

1. Lambda expressions,
2. Stream API,
3. Functional interfaces
4. Optional class
5. IO Enhancements
6. Default methods
7. Collectors class
8. ForEach() method
9. Method references,
10. Static methods in interface,
11. Concurrency Enhancements
12. Parallel Array Sorting
13. Nashorn JavaScript Engine,
14. Type and Repating Annotations,
15. Base64 Encode Decode,
16. JDBC Enhancements etc.

## Why java 8 was introduced?

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