Core Java

What is Java ?

Java is high-level, Object-oriented, platform-independent programming language and computing platform. It was developed by Sun Microsystem ( Now owned by Oracle) in 1995 and is widely used for building enterprise-scale application mobile apps(Android), web applications, and more

Key Features of Java :

1) Write Once, Run Anywhere

2) Object-Oriented

3) Robust & Secure

4) Multithreading

5) Automatic Memory Management

6) Rich Standard Library

Where is Java Used:

1) Enterprise Application ( Banking, E-commerce)

2) Android App Development ( Using Java/Kotlin )

3) Web Application ( Spring , Hibernate)

4) Big Data & Cloud Computing (Hadoop, Spark)

5) Embedded System & IoT

Java Editions :

1. Java SE (Standard Edition) – Core Java (JVM, libraries)

2. Java EE (Enterprise Edition) – For large-Scale distributed system

3. Java ME (Micro Editions) – For embedded/ mobile devices(legacy)