

JAVA Syllabus

Introduction to JAVA

Java is a programming language originally developed by James Gosling at Sun Microsystems (which has since merged into Oracle Corporation) and released in 1995 as a core component of Sun Microsystems' Java platform. The language derives much of its syntax from C and C++ but has a simpler object model and fewer low-level facilities. Java applications are typically compiled to bytecode (class file) that can run on any Java Virtual Machine (JVM) regardless of computer architecture. Java is a general-purpose, concurrent, class-based, object-oriented language that is specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "write once, run anywhere", meaning that code that runs on one platform does not need to be recompiled to run on another. Java is currently one of the most popular programming languages in use, particularly for client-server web applications, with a reported 10 million users.

Core JAVA Content

Duration: 9 Week / 2 Months

Introduction to OOPs AND JAVA

Understanding the Fundamentals

Working with Access Specifiers and Functions

Constructors, Destructors and Inheritance

Exception Handling

Graphical User Interface Programming (GUI)

Event Handling and File Handling

Working with Threads

Collections, Generics and Annotations

Networking with Java

Remote Method Invocation (RMI)

Java Database Connectivity (JDBC) and JavaBeans

Introduction of ADVANCED JAVA

Assignment and Hand's on live projects