

JAVA BEGINNER

**INTRODUCTION TO
APPLICATION DEVELOPMENT WITH JAVA**



Abstract of New Technology

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WHAT IS JAVA?

- High level programming language
- Platform independence – write once, run anywhere
- Originally developed by [James Gosling](#)
- Released in 1995 by Sun Microsystem

JAVA EDITION

- Java Standard Edition:
 - Desktop & Server based application
- Java Enterprise Edition:
 - Web-Based application
- Java Micro Edition:
 - Embedded Device
- Java Card:
 - Embedded Device, SIM Card, ATM card,...

JAVA APPLICATION

- Desktop Application:
 - Console
 - GUI with Swing and JavaFX
- Web Application with Java Server Page, JSP
- Mobile Application: Android and Java supported phone

JAVA SE TOOL

- Java Development Kit:
 - Tool: Compiler
 - JRE
 - JVM
 - API
- Integrated Development Environment:
 - Eclipse, NetBeans, Intellij Idea, ...