

Java Fundamentals for Android Development

Course Outline:

Lesson 1: First Step in Java

The History of Java

How Java Programs work?

Install Java JDK and JRE

Why did Google choose Java over other programming languages?

Android OS Structure

Install Android Studio

Lesson 2: Create and Run Java Projects

Creating an Android Project (Java Project) Using Android Studio

Writing a Java Program

Java Methods

Running a Java Program

Write a Comment

Java Variables and Their Data Type

Lesson 3: Control Flow Statements

Introduction

IF – Else Statement

If...Else and Else...If... Statement

If Else and Logical Operators

Switch Statement

While Loop

Do-while Loop

For Loop

The Break Statement

The Continue Statement

Lesson 4: Methods and Arrays

Introduction

Method Structure

Call Method by Value

Call Method by Reference

Arrays

Enter Data to a Java Program

Object-Oriented Programming (OOP) Concepts

Java Class