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Training Schedule - JAVA for ANDROID Course

Session #	Title	Details
Session 1	Introduction to Java	What is Java? virtual machine, Java compiler, Java platform portability, Java platform security, What is the JRE, What is the JDK, What is an IDE?
Session 2	Language Fundamentals	Comments - Single Line, Multiline, Java Docs Comments, Identifiers/ Keywords, Understanding primitive types, user-defined types, and array types.
Session 3-4	Understanding Statements	Basic Statement, Assignment Statements, Conditional Statements, Loop Statements
Session 5	Object Oriented Programming Language	Understanding Encapsulation, Inheritance, Polymorphism, Overloading, Interface
Session 6	Understanding Classes and Objects	Classes, Objects, Constructor, Overloading Methods, Access modifier, Garbage Collector, Final variables
Session 7-8	Understanding operators	Arithmetic Operators, Relational Operators, Bitwise Operators, Logical Operators, Assignment Operators, Misc Operator
Session 9	Exceptions	Exception handling, Throwing custom exceptions, Try/Catch/finally
Session 10	Understanding APIs	Math API, String Methods, StringBuilder, Date API
Session 11	Exploring Threads	Runnable and Thread, Thread Sleep, Runtime and Process
Session 12	Java Tips	Unary Operators, Skipping Temporary Variables, Ternary Operators, Avoid Infinite Loop
Total Training Hrs		24