Learn Java in 20 Days

Day: 2-3 | Learn DataTypes, Variables & Conditional Statements

1. Data Types | Variables
2. Conditional Statements
3. Loops in JAVA
4. Modifiers | Operators

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Day: 4-5 | Understand Arrays & String Manipulation in JAVA

1. Arrays | Strings
2. Array vs ArrayList in Java
3. Scope of Variables
4. Type Conversion in Java
5. Switch Statement in Java

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Day: 6-8 | Get Familiar with Classes, Objects & Methods

1. **Classes & Objects**
2. **Methods in Java**
3. **Method Overloading | Method Overriding**
4. **Parameter Passing in JAVA**
5. **Constructors in Java**

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Day: 9-10 | Gear Up to the OOPs concepts

1. **Inheritance | Encapsulation**
2. **Polymorphism | Runtime Polymorphism**
3. **Abstraction**
4. **Super Keyword | This Keyword | Final Keyword**
5. **Association, Composition, and Aggregation**

Day: 11-13 | Learn about Interfaces & Packages in JAVA

1. **Interfaces | Packages**
2. **Nested Interface | Marker Interface**
3. **Abstract Classes**
4. **Difference between Abstract Class & Interface**
5. **Java.Time, Java.Lang, Java.Math and other packages**

Day: 14-16 | Learn about Interfaces & Packages in JAVA

1. Exception Handling
2. Types of Exceptions
3. Multithreading in JAVA
4. Regular Expression in JAVA
5. File Handling in JAVA

Day: 1 | Start with the Fundamentals

1. Introduction to Java & Its Features
2. Java Virtual Machine (JVM)
3. Setting Up the JAVA Environment
4. Hello World Program in JAVA
5. Integrated Development Environments (IDEs)

Day: 17-20 | Understand Collection Framework, AWT & SWING

1. Collections in Java
2. Generics in Java
3. Java Swing | Simple Calculator
4. Java AWT
5. JAVA Projects

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