

## 1. JAVA :

### a. Java Fundamentals

- i. [Introduction to Java by Hyperskill \(JetBrains Academy\)](#)
- ii. [Java Basics - W3Schools](#)
- iii. [Head First Java](#)
- iv. [Thinking in Java](#)
- v. [Effective Java](#)
- vi. [Java: A Beginners Guide](#)
- vii. [Java: The Complete Reference](#)
- viii. [Java Tutorial for Beginners](#)
- ix. [Java + DSA + Interview Preparation Course \(For beginners\)](#)
- x. [feedExplore top posts about Java](#)

### b. Basic Syntax :

- i. [Java - Basic Syntax](#)
- ii. [Java Tutorial for Beginners](#)

### c. Data Types and Variables :

- i. [What are Data Types & Variables?](#)
- ii. [Java Variables](#)
- iii. [Learn more about Data types and Variables](#)
- iv. [Java enums](#)
- v. [Java Records](#)

#### d. Conditional :

- i. [What are Conditional statements?](#)
- ii. [Conditionals in Java](#)
- iii. [Conditionals and Loops in Java](#)
- iv. [Switch Statements + Nested Case in Java](#)

#### e. Functions :

- i. [Methods/Functions in Java.](#)
- ii. [Learn Functions/Methods in Java](#)
- iii. [Lambda functions](#)
- iv. [Passing functions as a variable](#)
- v. [Functions / Methods in Java](#)

#### f. Working with Date and Time in Java :

- i. [Date and Time API in Java](#)
- ii. [Introduction to Date and Time in Java](#)
- iii. [Java SE 8 Date and Time](#)

#### g. Loops :

- i. [What are loops in Java?](#)
- ii. [Loops in Java.](#)

#### h. Exception Handling:

- i. [Mastering Java Exception Handling: A Comprehensive Guide](#)
- ii. [Exception Handling in Java](#)
- iii. [Understanding Java Exceptions](#)

i. Data Structure :

- i. [Data Structures and Algorithms](#)
- ii. [Java + DSA + Interview Preparation Course](#)
- iii. [Data Structures Illustrated](#)

j. Object-oriented programming (OOP) :

- i. [Class](#)
- ii. [Inheritance](#)
- iii. [Polymorphism](#)
- iv. [Abstraction](#)
- v. [Encapsulation](#)
- vi. [Association](#)
- vii. [Aggregation](#)
- viii. [Composition](#)
- ix. [Java OOPs Concepts](#)
- x. [Using OOP concepts to write high-performance Java code](#)
- xi. [Java complete OOPs playlist](#)
- xii. [Java OOPs Concepts](#)

k. Packages :

- i. [Packages in Java](#)
- ii. [Java Package](#)

l. Working with Files and APIs:

- i. [How To Work With Files In Java](#)
- ii. [Java File Class](#)

- iii. [\(old\) Java HttpURLConnection Example - Java HTTP Request GET, POST](#)
- iv. [New Java HttpClient](#)
- v. [5 ways to make HTTP requests in Java](#)
- vi. [Read a file line by line in Java](#)
- vii. [Various ways to read a file to String in Java](#)