

Java Course (Basic Level) 45 Days

Sr. No.	Chapters	Sub Chapters
1	Introduction to Java	Overview of Java and its features
		Setting up the development environment (IDE, JDK)
2	Java Basics	Background of Java
		Why do we need Programming Languages
		Writing and running your first Java program
3	Variables and Data Types	Learn about variables in Java, Non-Primitive Types
		Swap two Variables, Wrapper Classes in Java.
		Autoboxing and Unboxing in Java and Type Conversion in Java
4	Input and Output in Java	Input and Output in Java
		Escape Sequences in Java
5	Operators in Java	Operators in Java
		Sum of N Natural Numbers, Find Last Digit of A Number
6	Flow Control in Java	If Else Statements and Switch Statement
		Even Odd Numbers, Largest of Three Numbers, Leap Year, Calculator
7	Loops in Java	Loop Statements: While Loop, Do While Loop, Break and Continue
8	Functions in Java	Functions and applications of Functions
		Command Line Arguments in Java
		First Digit of a Number and Prime Factorization