Topics	Sub-Topics
Introduction of Java	Introduction of Java How Java Program Works? Heap Memory and Stack Memory in Java How to Install Java in Windows 10? How to Install Java in Linux?
Classes and Objects in Java	Classes and Objects in Java Packages in Java
Variables and methods in Java	Primitive Data Types in Java Type Casting in Java final Keyword in Java Static Variable in Java Wrapper Class in Java What is equals() Method in Java? How to Take Input From User in Java? Methods in Java Pass by Value and Pass by Reference in Java
Operators in Java	Operators in Java Arithmetic Operators in Java Logical Operators in Java Conditional Operator in Java Bitwise Operators in Java
Conditional Flow of Control in Java	Switch Case in Java Control Flow Statements in Java Ternary Operator in Java Loops in Java For Each Loop in Java Break Statement in Java Continue Statement in Java Exit Method in Java
Arrays in Java	Array in Java One Dimensional Array in Java Array Utilities in Java Multidimensional Arrays in Java Jagged Array in Java
Strings in Java	Strings in Java String Pool in Java Strings in Java vs Strings in C++ StringBuffer Class in Java Stringbuilder in Java Difference Between String Buffer and String Builder
Collection Framework in Java	Iterable Interface in Java ArrayList in Java Vector Class in Java List in Java Stack and Queue in Java Hashing and its Use Cases in Java Set in Java Hashmap in Java Comparable and Comparator in Java Deque in Java
OOPs Concepts in Java	OOPs Concepts in Java OOP vs Functional vs Procedural Static Method in Java With Examples Abstraction in Java Abstract Class in Java Access Modifiers in Java Encapsulation in Java Difference Between Data Hiding and Abstraction

	Inheritance in Java This and Super Keyword in Java Constructor in Java Polymorphism in Java Variable Hiding and Variable Shadowing in Java Interface in Java Difference between Abstract class and Interface in Java Generics in Java
Exception Handling in Java	Exception Handling in Java Exceptions vs Errors in Java Java Stack Trace Difference Between Throw and Throws in Java Try, Catch and Finally in Java
Java IO Stream	Java I/O | I/O Streams in Java Byte Stream and Character Stream Create a File in Java Getting File Information Using Java IO streams JAVA IO - Write to a File using Java IO streams How to Read a File in Java Delete a File using Java IO Streams Serialization in Java Serialization and Deserialization
Multithreading	Java thread model main thread creating thread by implementing Runnable and extending thread class creating multiple threads using isAlive() and join() thread priorities Synchronization.
Generics	Introduction Generic Example Generic Class Generic Method Generic Constructor and Generic Interfaces.
JDBC Connectivity	Introduction Architecture Establishing JDBC Database Connection.