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S.NO	Title	Topics
1	Introduction	Features of Java Language. Java Installation JVM –The heart of Java JVM Architecture Java's Magic Bytecode
2	Language Fundamentals	Java Program Development, Java Source File Structure, Compilation, Executions, Identifiers Keywords, Literals, Comments Primitive Datatypes, Operators Assignments.
3	Object Oriented Programming	Classes Inheritance and Types Of Inheritance Polymorphism and Types of Polymorphism
4	Special Keywords	this keyword implementation. super keyword implementation. final keyword implementation. static keyword implementation. abstract keyword implementation.

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		interface keyword implementation.
5	Package	Organizing Classes and Interfaces in
		Packages.
		Package as Access Protection.
		Defining Package.
		Package naming.
		Access Specifiers
6	Exception	The Idea behind Exception
	Handling	Exceptions & Errors
		Types of Exception
		Control Flow In Exceptions
		JVM reaction to Exceptions
		Use of try, catch, finally, throw, throws in
		Exception Handling.
		In-built and User Defined Exceptions
		Checked and Un-Checked Exceptions
7	Lang Package	Use of Lang package classes.
		String class
		StringBuffer Class
		String Builder Class
		Object Class
		Wrapper Classes
		Math Class
		Runtime Class

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9	IO Package	Reader Class Writer Class InputStream OutputStream File FileReader FileWriter BufferedReader BufferedWriter StringTokenizer BufferedInputStream BufferedOutputStream CharArrayReader CharArrayWriter ByteArrayInputStream ByteArrayOutputStream
10	Util Package	What is Collection FrameWork?. Collection Set List Map Queue ArrayList LinkedList Vector Iterator

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	I	
		ListIterator
		Enumeration
		HashSet
		TreeSet
		LinkedHashSet
		HashMap
		TreeMap
		LinkedHashMap
		Map.Entry
		Properties
		Stack
		EnumSet
		EnumMap
		Comparator
		Comparable
		Date
		ConcurrentHashMap
		Random
11	Multi	What is Multi Threading?.
	Threading	Thread Life cycle Methods
		Thread Class
		Runnable Interface
		Thread Pooling
		Thread Synchronization
		Thread Grouping
12	Unit Testing	What is Unit Testing?
		How To Prepare Test case document
		Types of Junit Testing Methods
		Types of Junit Testing Annotations

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