1			Global Logic (JAVA) Learning Content 20	irning Content 2024
lava Dverview lava Basics lava Input/Output lava Plava Progrators lava Arrays lava Arrays lava Arrays lava Arrays lava Arrays lava Arrays lava Classes lava Methods lava Collection Framework lava Memory Allocation lava Regex lava Regex Debugging the Java Program using Intellid lava Regex Debugging the Java Program using Intellid Lambda Expressions Functional Interfaces Method Reference Streams Comparable and Comparator Optional Class Record Record Test blocks Lumit Dava Collection Framework Lava Regex Debugging the Java Program using Intellid Lava Regex Debugging the Java Program using Intellid Lambda Expressions Functional Interfaces Optional Class Record Test blocks Limit Spring Boot	S. N.	Tonic Name	Sub Tonics	Important Links
Java Overview	-	Java Essential		
Java Basics  Java Input/Output  Java Plow Control  Java Operators  Java ODPs Concepts  Java Classes  Java Herfaces  Java Collection Framework  Java Collection Framework  Java Packages  Java Methods  Java Collection Classes  Java Memory Allocation  Java Exception Handing  Java Regex  Debugging the Java Program using IntelliJ  Java Language Features  Generics  Debugging the Java Program using IntelliJ  Java Language Features  Generics  Debugging the Java Program using IntelliJ  Sacaled Class  Method Reference  Streams  Comparable and Comparator  Optional Class  Date/Time API  Sealed Class  Record  Test blocks  Junit  Spring Boot			Java Overview	https://www.javarpoint.comjava-tutorial https://www.geeksforgeeks.org/java/
Java Irput/Output  Java Flow Control  Java Operators  Java Atrays  Java Atrays  Java Atrays  Java OOPs Concepts  Java Herfaces  Java Methods  Java Methods  Java Methods  Java Methods  Java Collection Classes  Java Methods  Java Exception Handing  Java Exception Handing  Java Exception Handing  Java Exception Handing  Java Regex  Debugging the Java Program using Intellid  Generics  Lambda Expressions  Functional Interfaces  Method Reference  Streams  Comparable and Comparator  Optional Class  Date/Time API  Sealed Class  Record  Test blocks  Junit  Junit  Spring Boot			Java Basics	https://www.javapoint.com/java-tutorial https://www.geeksforgeeks.org/java/
Java Plow Control  Java Arrays Java Arrays Java Arrays Java Classes Java Interfaces Java Methods Java Packages Java Memory Allocation Java Exception Handing Java Collection Classes Java Memory Allocation Java Exception Handing Java Exception Handing Java Language Features Generics Java Language Features Concrics Java Language Features Concrics Java Language Features Comparable and Comparator Optional Class Date/Time API Sealed Class Record Test blocks Junit Spring Boot			Java Input/Output	https://www.javarpoint.com/java-tutorial https://www.geeksforgeeks.org/java/
Java Operators Java Arrays Java Arrays Java Strings Java Classes Java Interfaces Java Interfaces Java Methods Java Packages Java Memory Allocation Java Exception Handing Java Exception Handing Java Exception Handing Java Regex Debugging the Java Program using Intellid Java Language Features Generics Java Language Features Comparable and Comparator Optional Class Date Time API Sealed Class Record Test blocks Junit Junit Spring Boot			Java Flow Control	https://www.javapoint.com/java-tutorial https://www.geeksforgeeks.org/java/
Java Atrays         Java Strings         Java OOPs Concepts         Java Classes         Java Interfaces         Java Methods         Java Packages         Java Packages         Java Collection Framework         Java Collection Framework         Java Memory Allocation         Java Exception Handing         Java Recenters         Generics         Java Language Features         Generics         Java Language Features         Generics         Java Language Features         Generics         JDBC         JDBC         JDBC         Streams         Comparable and Comparator         Optional Class         Date Time API         Sealed Class         Junit         Test blocks         Junit         Java Burning         Java Burning			Java Operators	https://www.javarpoint.com/java-tutorial https://www.geeksforgeeks.org/java/
Java Strings Java OOPs Concepts Java Classes Java Interfaces Java Interfaces Java Methods Java Packages Java Packages Java Collection Framework Java Collection Classes Java Memory Allocation Java Exception Handing Java Exception Handing Java Regex Generics Java Language Features Generics Java Language Features Connparable and Comparator Optional Class Date Time API Sealed Class Record Test blocks Junit Junit Spring Boot			Java Arrays	
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Java Classes Java Interfaces Java Methods Java Packages Java Collection Framework Java Collection Classes Java Memory Allocation Java Exception Handing Java Regex Debugging the Java Program using Intellid Java Language Features Generics JAVA Language Features Generics JAVA Language Features Comparable and Comparator Optional Class Date Time API Sealed Class Record Test blocks Junit Junit Spring Boot			Java OOPs Concepts	https://www.iavarpoint.com/iava-tutorial https://www.geeksforgeeks.org/java/
Java Interfaces Java Methods Java Packages Java Collection Framework Java Collection Classes Java Memory Allocation Java Exception Handing Java Exception Handing Java Regex Debugging the Java Program using Intellid Java Language Features Generics JDBC Conerics JDBC Comparable and Comparator Optional Class Date/Time API Sealed Class Record Test blocks Junit Junit Spring Boot			Java Classes	https://www.javatnoint.com/java-tutorial https://www.javatnoint.com/java-inner-class
Java Methods Java Packages Java Collection Classes Java Collection Classes Java Memory Allocation Java Exception Handing Java Exception Handing Java Regex Debugging the Java Program using Intellid Java Language Features Generics JADBC Lambda Expressions Functional Interfaces Method Reference Streams Comparable and Comparator Optional Class Date Time API Sealed Class Record Test blocks Junit Java Boot			Java Interfaces	https://www.javarpoint.com/java-tutorial https://www.geeksforgeeks.org/java/
Java Packages Java Collection Framework Java Collection Classes Java Memory Allocation Java Exception Handing Java Regex Debugging the Java Program using Intellid Java Language Features Generics JAVA Language Features Conerics JAVA Language Features Comparable and Comparator Optional Interfaces Method Reference Streams Comparable and Comparator Optional Class Record Text blocks Junit Junit Spring Boot			Java Methods	https://www.javarpoint.com/java-tutorial https://www.geeksforgeeks.org/java/
Java Collection Framework  Java Memory Allocation  Java Exception Handing  Java Exception Handing  Java Regex  Debugging the Java Program using Intellid  Java Language Features  Generics  Java Language Features  Generics  Lambda Expressions  Functional Interfaces  Method Reference  Streams  Comparable and Comparator  Optional Class  Date Time API  Sealed Class  Record  Test blocks  Junit  Spring Boot			Java Packages	https://www.javarpoint.com/java-tutorial https://www.geeksforgeeks.org/java/
Java Collection Classes Java Memory Allocation Java Regex Debugging the Java Program using Intellid Java Language Features Generics JDBC Lambda Expressions Functional Interfaces Method Reference Streams Comparable and Comparator Optional Class Date Time API Sealed Class Record Test blocks Junit Spring Boot			Java Collection Framework	https://www.javatpoint.com/collections-in-java https://www.geeksforgeeks.org/collections-in-java-2/
Java Memory Allocation     Java Exception Handing     Java Exception Handing     Java Regex     Debugging the Java Program using Intellid     Java Language Features     Generics     Conerics     Lambda Expressions     Functional Interfaces     Method Reference     Streams     Comparable and Comparator     Optional Class     Date Time API     Sealed Class     Record     Test blocks     Junit     Junit     Spring Boot     Spri			Java Collection Classes	https://www.javatpoint.com/java-collections-class
Java Exception Handing Java Regex Debugging the Java Program using Intellid Java Language Features Generics JDBC Lambda Expressions Functional Interfaces Method Reference Streams Comparable and Comparator Optional Class Date/Time API Sealed Class Record Test blocks Junit Spring Boot			Java Memory Allocation	https://www.javatpoint.com/memory-management-in-java https://www.javatpoint.com/stack-vs-heap-java
Java Regex Debugging the Java Program using IntelliJ  Java Language Features Generics Generics JDBC Lambda Expressions Functional Interfaces Method Reference Streams Comparable and Comparator Optional Class Date/Time API Sealed Class Record Text blocks Junit Spring Boot			Java Exception Handing	https://www.javatpoint.com/exception-handling-in-java
Java Language Features Generics Generics JDBC Lambda Expressions Functional Interfaces Method Reference Streams Comparable and Comparator Optional Class Date/Time API Sealed Class Record Test blocks Junit Spring Boot			Java Regex	https://www.javatpoint.com/java-regex
Java Language Features  Generics JDBC  Lambda Expressions Functional Interfaces Method Reference Streams Comparable and Comparator Optional Class Date/Time API Sealed Class Record Test blocks Junit Spring Boot			Debugging the Java Program using IntelliJ	
Generics JDBC Lambda Expressions Functional Interfaces Method Reference Streams Comparable and Comparator Optional Class Date/Time API Sealed Class Record Test blocks Junit Spring Boot	2	Java Language Featu	Ires	
Expressions al Interfaces Reference ble and Comparator Class te API lass ks		0	Generics	https://www.javatpoint.com/generics-in-java
Expressions al Interfaces keference ble and Comparator Class te API lass ks			IDBC	https://www.javatpoint.com/java-jdbc https://www.javatpoint.com/design-of-jdbc https://www.javatpoint.com/java-8-jdbc-improvements
al Interfaces  keference ble and Comparator  Class te API lass ks			Lambda Expressions	https://www.javatpoint.com/java-lambda-expressions
keference ble and Comparator Class ce API lass ks			Functional Interfaces	https://www.javatpoint.com/java-8-functional-interfaces
ble and Comparator Class te API lass ks			Method Reference	https://www.javatpoint.com/java-8-method-reference
I Class ne API Jass cks			Comparable and Comparator	https://www.javationi.com/and-refrace-in-collection-framework https://www.javationi.com/comparation-framework https://www.javationi.com/comparation-framework
ne API Jass cks			Optional Class	https://www.javarpoint.com.java-8-optional
Class cks			Date/Time API	https://www.javapoint.com/java-date
cks 300t			Sealed Class	https://www.javatpoint.com/scaled-class-in-java
			Record Tast blocks	
			Junit	https://www.javatpoint.com/junit-tutorial
			:	
			Spring Boot	https://www.javatpoint.com/spring-boot-architecture https://www.javatpoint.com/spring-boot-untorial

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S. N.	Sr No Tonic Name	Sub Tonics	Important Links	
		RestFul Web Services	https://www.iavaipoint.com/restful-web-services-spring-boot	
3	Algorithms			
		Searching Algorithm	https://www.javapoint.com/linear-search https://www.javapoint.com/binary-search	
		Sorting Algorithm	https://www.javapoint.com/insertion-sort https://www.javapoint.com/iselection-sort https://www.javapoint.com/insersort https://www.javapoint.com/insersort https://www.javapoint.com/insersort	
		Divide and Conquer Algorithm	https://www.javapoint.com/divide-and-conquer-introduction	
		Greedy Algorithms	https://www.javapoint.com/greedy-algorithms	
		Dynamic Programming	https://www.iavapoint.com/dynamic-programming	
		Recursion	https://www.javapoint.com/recursion-in-java	
		Backtracking	https://www.javatpoint.com/backtracking-in-java	
		Pattern Matching	https://www.javatpoint.com/wildcard-pattern-matching	
-	Data Structures			
+	Data Structures	· ·		
		Introduction	https://www.javatpoint.com/tundamental-of-the-data-structure https://www.gavatpoint.com/tundamental-of-the-data-structure- https://www.gavatpoint.com/tundamental-of-the-data-structure- https://www.gavatpoint.com/tundamental-of-the-data-structure- https://www.gavatpoint.com/tundamental-of-the-data-structure- https://www.javatpoint.com/tundamental-of-the-data-structure- h	
		o farmer	https://herovired.com/earning-hub blogs/arrays-in-data-structure/ https://www.hackerrark.com/challenees/arrays-ds/problem	
		String	https://www.geeksforgeeks.org/string-data-structure/ https://www.pooral-advahur.com/Norioush Javal-oransan/erion-data etmochina	
		Linked Lists	the second resource is second to the second	
		Stack	Industrial and an application are interested as the second and application are interested as the second	
		Onene	Index. The state of the state o	
		Heap	https://www.geeksforgeeks.org/heap-data-structure/	
			https://www.tntoralspoint.com/data_structures_algorithms/heap_data_structure.htm	
		Tree	https://www.javaipoint.com/rec	
		Graph	https://www.javatpoint.com/ds-graph	
5	PostgreSQL			
		PostgreSQL — Introduction	https://www.datacamp.com/tutorial/beginners-introduction-postgresql https://www.geeksforgeeks.org/postgresql-tutorial/ https://www.tutorialspoint.com/nostgresql/bostgresql overview.htm	
		Basics Opearations	https://www.datacamp.com/tutorial/beginners-introduction-postgresql https://www.geeksforgeeks.org/bostgresql-tutorial/ https://www.tutorialspoint.com/postgresql/post	
		Data Types	https://www.datacamp.com/tutorial/beginners-introduction-postgresql https://www.geeksforgeeks.org/postgresql-tutorial/ https://www.kutorialspoint.com/postgresql/post	
		Ouerying & Filtering Data	https://www.datacamp.com/tutorial/beginners-introduction-postgresql https://www.geeksforgeeks.org/postgresql-tutorial/ https://www.tutorialspoint.com/postgresql/post	
		Managing Tables	https://www.postgresqitutorial.com. https://www.geeksforgeeks.org/postgresql-tutorial/	
		Modifying Data	https://www.detaceamp.com/tutorial/beginners-introduction-postgresql https://www.geeksforgeeks.org/postgresql-tutorial/ https://www.tutorialspoint.com/postgresql/pos	
		Transactions and Constraints	https://www.datacamp.com/tutorial/beginners-introduction-postgresql https://www.geeksforgeeks.org/postgresql-tutorial/ https://www.tutorialspoint.com/postgresql/post	
		Working with Joins and Schemas	https://www.postgresqlutorial.com/postgresql-tutorial/postgresql-joins/ https://www.postgresqlutorial.com/postgresql-administration/postgresql-achena/	
		Stored Procedures	https://www.postgresql.tutorial.com/postgresql?plpssql/ https://www.tutorialspoint.com/postgresql/p	

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Sr No.	Sr No. Topic Name	Sub Topics	Important Links	
		Working with Views & Indexes	https://www.postgreagltuorial.com/postgreagl-views/ https://www.postgreagltuorial.com/postgreagl-indexee/	
9	MongoDB			
		Introduction	https://www.w3schools.com.inongodb/.	
		Installation	https://www.a2schools.com.inongodb/	
		Basics of MongoDB	https://www.w3schools.com/inongodb/	
		MongoDB Methods	https://www.w3schools.com/inongodb/	
		MongoDB Operators	https://www.w3schools.com.inongodbY	
		Working with Documents and Collections https://www.w3schools.com/mongodb/	https://www.w3schools.com.inongodb/	
		Indexing in MongoDB	https://www.w3schools.com.inongodb2	
		Export data from MongoDB	https://www.a3schools.com.imongodb/	
		Import data to MongoDB	https://www.w3schools.com.inongodb/.	
		MongoDB — Regex	https://www.a2schools.com.inongodb/	
		MongoDB Projection	https://www.w.3schools.com.inongodb.	
		MongoDB - Embedded Documents	https://www.a3schools.com.inongodb/	
		Aggregation in MongoDB	https://www.w3schools.com/inongoolb/	
		MongoDB Exercises	https://www.w3schools.com/mongodb/inongodb/groens/ses.php	