

Java Basics

1. Overview of Java ✓
2. Features of Java ✓
3. Setting Java Enviroment ✓
4. Introduction to JVM ✓
5. My First Java Program ✓
6. Variable in Java ✓
7. Data type and Identifier ✓
8. Static and Initializer Block ✓
9. Type Casting ✓
10. Conditional Statement ✓
11. Switch Statement ✓
12. Loops in Java ✓
13. Break Continue Statement in Java ✓
14. Operators in Java ✓
15. Java Array ✓
16. Ways to create object in Java ✓
17. Command line arguments ✓

Java OOPS Concepts

1. Objects and Classes
2. Method in Java
3. Java is Strictly Pass by Value
4. Constructor in Java
5. Java Modifiers
6. Inheritance
7. Aggregation
8. Method Overloading
9. Method Overriding
10. Runtime Polymorphism
11. this keyword
12. Garbage Collection
13. Static in Java
14. Final in Java
15. instanceof Operator
16. Package
17. SubPackage and Static Import
18. Abstract class
19. Interface
20. Nested Classes
21. Classes vs. Interface

Java String Handling

1. Introduction to String
2. String class Functions
3. StringBuffer class
4. StringBuilder class
5. String Tokenizer

Java Exception Handling

1. Introduction to Exceptions
2. try and catch block
3. try with resource statement
4. throw, throws and finally
5. User made Exception Subclass
6. Method Overriding with Exception Handling
7. Chained Exceptions

Java Multithreading

1. Introduction to Multithreading
2. Thread Class
3. Creating a thread
4. Joining threads
5. Sleeping Thread in Java
6. Naming Thread in Java
7. Thread Priority in Java
8. Daemon Thread in Java
9. Synchronization
10. Interthread Communication
11. Thread group

Advanced Concepts

1. Enumerations
2. Autoboxing and Unboxing
3. Java I/O Stream
4. Serialization
5. Java Networking
6. Generics

Collection Framework

1. Introduction to Collection
2. Collection Interfaces
3. Collection Classes
4. Iterator and ListIterator
5. Array List Class
6. Linked List Class
7. Hash Set Class
8. linkedhashset Class
9. Tree Set Class
10. Map Interface
11. Hashmap Class
12. Treemap Class
13. HashTable Class
14. Collections Class
15. Comparable Class
16. Comparator Interface
17. Legacy Classes

Java GUI

1. Applet
2. Event Handling
3. AWT Part-1
4. AWT Part-2
5. Swing
6. Swing Component Part-1
7. Swing Component Part-2

Java Wrapper Class

1. Wrapper class
2. Byte class
3. Short class
4. Float class
5. Double class
6. Boolean class
7. Character class

Java Reflection

1. Introduction to Reflection
2. Reflection classes

JDBC

1. Introduction to JDBC
2. SQL Package
3. Steps to Connect to Database
4. Connecting to Access using Type-1 Driver
5. Connecting to Oracle using Thin Driver
6. Connecting to MySQL using Thin Driver
7. Connecting to mongoDB Database

Java Miscellaneous Concepts

1. RMI Application
2. Inner class
3. File Handling
4. Abstract list
5. Abstract Sequential list
6. Copy On Write Array List
7. Abstract Set
8. Enum Set
9. IdentityHashMap class
10. Sorted Map Interface
11. Queue Interface
12. DeQueue Interface
13. Layout Managers

<https://www.studytonight.com/java/overview-of-java.php>