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**Core Java**

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1. **Basics of Java**
   * What is Java?
   * Variable and Data type in Java
   * Operators in java
   * Control statements
   * Strings and Arrays
2. **OOPs Concepts**
   * Advantage of OOPs
   * Classes and objects – concepts of classes, objects, Methods
   * Constructors
   * Package
   * This keyword
   * Static keyword
   * Overloading methods and constructors
   * Inheritance, Benefits of inheritance
   * Types of Inheritance
   * Method overriding, super uses
   * Polymorphism
   * Encapsulation
   * Abstract class
   * Interface
   * Final Keyword
   * Access Modifiers
3. **Exception Handling**
   * Exception
   * Types of Exception
   * Use of try-catch block in Exception handling
   * Multiple catch block
   * finally block
   * throw keyword
   * throws keyword
4. **Java Collection Framework**

* Hierarchy of Collection Framework
* ArrayList class
* LinkedList class
* List Interface
* HashSet class
* HashMap and HashTable class

**5. New Java Features**

* Lambda Expression
* Method References
* Functional interfaces
* Streams
* Stream filter