

Java Learning Plan

Java Topics:

Pre requisites:

1. Data Type in Java
2. Conditional Statements
3. Loop Control Statements
4. String in Java
5. Array

Topics for learning :

1. Object Oriented Programming Concept
 - a. Data Abstraction
 - b. Encapsulation
 - c. Polymorphism
 - d. Inheritance
 - e. Abstract Class
 - f. Interface
2. Collection Framework
 - a. ArrayList
 - b. LinkedList
 - c. HashSet
 - d. LinkedHashSet
 - e. TreeSet
 - f. HashMap
 - g. LinkedHashMap
 - h. ConcurrentHashMap
 - i. TreeMap
3. Exception Handling
4. Immutable Class in Java
5. Java8 Features
 - a. Stream API
 - b. Default in Interface
 - c. LocalDate/LocalDateTime
 - d. Functional Interface
6. Type of Relationship in Java