CORE JAVA

1. About Java, JDK, JRE, JVM
2. Java data types, operators
3. Control statements
4. OOPS concepts
5. Object
6. Object class
7. Java class (full structure)
8. Variable, Methods, constructors
9. OOPS concepts in details
   - Polymorphism → Method Overloading, Method Overriding
   - Inheritance
   - Abstraction
   - Encapsulation
   - Others
10. Java array
11. Java important artifacts
    - Access Modifiers
    - Static
    - String (mutable, immutable, operations on strings)
    - Object class methods
    - Abstract
    - Interface
    - Keywords
    - Package
    - Java Command Line Arguments
    - Wrapper classes (boxing, unboxing)
    - Java Regex
    - Java Conversion
    -
12. Exception
    - Checked exception
    - Unchecked exception
    - User define exception
    - Try-catch-final
    - Throw and throws
    - final, finally and finalize
    - Exception Propagation
13. Java important artifacts
14. Java I/O
15. Java collections
16. Threads
17. DB connectivity

Extra: Real time project implementation and its source code.