Syllabus of Core Java

- Java Introduction
  - History
  - Features of Java
  - JVM Architecture & Byte Code
- Instructions
  - Type Declare Instruction
  - Arithmetic Instruction
  - Input/Output Instruction
  - Control Instruction
    - Decesion Control Instruction
    - Loop Control Instruction
    - Case Control Instruction
- Data Types
  - Variables & Constants
- Array
  - Single Dimension Array
  - Double Dimension Array
  - Multi Dimension Array
- Object Oriented Programming(OOPS)
  - Object & Classes
  - Encapsulation

    - Abstraction
    - Inheritance
    - Polymorphism
- Abstract Function & Abstract Class
- Inner Class
- Interface
- Package
- Special Keywords
    - This Keyword
    - Static Keyword
    - Final Keyword
    - Super Keyword
    - Abstract Keyword
- Exception Handling & Interrupt
- Threading
- File Handling
- Collection Framework
- Date & Time Handling
- String Handling

Syllabus of Anvance Java

- WINDOW PROGRAMMING
  - Abstract Window Toolkit(AWT)-GUI
    - AWT Controls
    - AWT Layouts
    - AWT Listeners
  - SWING-GUI
    - Swing Controls
    - Swing Layouts
    - Swing Listeners
  - SQL
  - JDBC (Java Database Connectivity)
    - Type1:JDBC-ODBC Bridge Driver
    - Type2:Native api/Partly Java Driver
    - Type3:All Java/Net Protocal Driver
    - Type4:Native Protocol/All-Java Driver
  - Media
    - Sound Handling in Java
    - Speech Synthesizer in Java
  - Stream
    - Chracter Oriented Stream

        - Chracter Oriented Stream
    - Socket Programming
    - RMI (Remote Method Invocation
    - Project Work
    - Setup & Deployment
- WEB PROGRAMMING
    - Introduction
    - HTML
    - CSS
    - Bootstrap
    - Photoshop/Coral Draw/Coral R.A.V.E.
    - Servlet
    - JSP (Java Server Page)
    - JavaScript
    - Ajax
    - JQuery
    - Website Development
    - Website Deployment