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## Syllabus - Java Training

- An in-depth study of the OOP concept
- Java programming with classes and objects
- Works with XML files
- Communicates with the database via JDBC
- Java conditions, data types, loops
- Service-oriented architecture with web service
- Compatible with Java certification

### Chapter 1: Introduction to Java Programming

- Java Virtual Machine
- Variables and data types
- Conditional and looping constructs
- Array

### Chapter 2: Object oriented programming with Java classes and objects

- Fields and methods
- Manufacturers
- Methods of overloading
- Waste collection
- Nested classes

### Chapter 3: Inheritance

- Invalid methods
- Polymorphism
- Finalizing methods and classes
- Abstract classes and methods
- Interfaces

### Chapter 4: Exception handling using try-throw-catch-finally constructs

- Exception class

### Chapter 5: Object class

- Cloning objects
- JDK Linked List class
- Strings
- String transitions

#### Chapter 6: Working with types: wrapper classes

- The numeric interface

#### Chapter 7: Packages

- Package Access
- Documentation Comments

#### Chapter 8: Applets

- Configures the applets
- Applet capabilities and controls

#### Chapter 9: Fundamentals of AWT and Swing

- Layout Layout Managers
- Event Management
- Action Listener Interface
- Panels
- Classes for various controls, such as label, choice, list, checkbox, etc.
- Dialogues and frames
- Using menus
- Using adapter classes
- Graphics

#### Chapter 10: Threads

- Synchronization

#### Chapter 11: I / O package

- InputStream and putInputStream classes
- Reader and Writer classes

#### Chapter 12: Basic concepts of networking

- Works with URLs
- Concepts of URLs
- Sockets

#### Chapter 13: Database Connectivity with JDBC

- Java Security

### Training Fees / Duration (Rs. 2,500/- Onwards)

- Internship for BTech, MTech, MCA, BCA, Bsc, B.Com, M.Com, MBA Students
- Duration: 1 Week to 6 Months
- Internship Training on real projects
- Training / Internship by Experienced Professionals
- Online / Live / Direct Classes

### Eligibility For Java/J2EE Training

- Plus two/Degree/Diploma/Professional
- Passion on programming languages
- Basic programming knowledge such as html, bootstrap

### Our Unique Features

- Training by 3 to 18+ Years of Industry Experts
- 500+ More Projects / Clients
- 1000+ Success Stories
- Placement Assistance with our own Job Portal ( [jobsNEAR.in](http://jobsNEAR.in) )
- Advanced level Training
- Individual Attention
- #1 Online Live Training in Kerala, Since 2001
- Completed 500+ Seminars
- Completed Seminar 25000+ Students
- Internship on Real Time Projects
- Kerala's first online live training institute

