



GENIUS COMPUTER ACADEMY

PLACE WHERE QUALITY MATTERS

JAVA PROGRAMMING



Core Java

This course is best fit for an individual who is aspiring to become a good Java programmer. Every concept is presented with adequate details. Entire structure concentrates on using java into application and web technology which is essential for every programmer.

Syllabus:

- Introduction to internet and its technologies. Concept of web browsers and world wide web.
- Object Oriented Concept – What is OOP, Features of OOP like Encapsulation, Abstraction, Inheritance and Polymorphism.
- Java Classes, objects and Interfaces – Writings own Java classes by implementing OOP concept. Understanding Abstract classes, Interfaces, Packages and their implementation.
- Multithreading – Understanding multithreading. How Java supports multithreading.
- Exceptions – Implementation of Exception handling in Java and writing own Exception.
- Applet Programming – Basis of Applet. Applet architecture, HTML and Applet tags.
- Event Handling – Delegation of Event model and Action listener interfaces. Designing GUI using AWT Package.

Advance Java

Java is a programming language which implements the object oriented approach in very efficient way for networking technology. This course gives you confidence to become a good Java programmer.

Syllabus:

- Socket Programming and Networking.
- Java Database Connectivity (JDBC) for Access and Oracle.
- Servlet programming
- Java Server Pages
- Remote Method Invocation
- Java Bean
- Java API for XML
- Introduction to Struts
- Introduction to EJB

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