



Java Programming

Course Syllabus

Course Description:

The Java Programming Course fully covers the basics of the Java Programming Language. The course also demonstrates the necessary Java Libraries for all common desktop and Client Server Applications.

Prerequisite Course(s):

- Programming using C++
- Object Oriented Paradigms

Learning Objectives:

- To arm the trainees with the necessary skills to write Java programs, and to work with applets and applications.
- To familiarize the trainee with the concepts and practices of multi threaded applications.
- To enable the trainees to perform event handling functionality in response to GUI events.

Course Outline:

- Introduction to Java.
- Data Types, Classes and Arrays.
- Operators and Flow Controls.
- Essential Java Classes (Graphics, Font, Color).
- Exception Handling.
- Interfaces.
- Multithreading.
- Inner Classes.
- AWT Event Delegation Model.