

Java

Course Level: Introduction

Course Duration : 2 days

Prerequisites : Basic Java Knowledge



▼ Course Content

○ Course Objectives

○ Language Syntax/Lexicon

- Declaring and initialising variables
- Statements and expressions
- Declaring and using arrays
- Casting and parsing

○ Defining Classes

- Class Structure
- Methods (functions)
- Organising classes with packages and visibility modifiers
- inheritance

○ Flow Control

- Invoking methods and passing parameters
- Conditionals and loops
- Handling exceptions with **try** and **catch**

○ Building the Components of a Java Program

- Working with existing classes
- Extending base classes
- Developing new classes
- Compiling and debugging

○ Building Applets

- Embedding applets in Web pages
- The applet security model
- The applet life cycle: **init()**, **start()**, **stop()**,
- **destroy()** Deploying browser-independent applets with Java Plug-In