

Java Introduction

Prerequisites: Students should be familiar with using personal computers with a mouse and keyboard. Basic typing skills are mandatory. Students should be comfortable in the use of the Windows 2000, Windows XP, or Windows Vista environment.

Length: 1 Day

Summary: You will learn the basic concepts of programming using Java as the tool for learning.

COURSE CONTENT

INTRODUCTION TO PROGRAMMING

- Overview of Programming
- Introduction to the Software Development Life Cycle

HANDLING PROGRAMMING ERRORS

- Fix Syntax Errors
- Fix Logical Errors
- Fix Runtime Errors

CREATING SIMPLE PROGRAMS

- Work with Variables
- Work with Operators
- Control Program Execution
- Work with Arrays

CREATING PROGRAMS USING METHODS

- Work with In-Built Methods
- Create Methods

IMPLEMENTING THE OBJECT-ORIENTED METHODOLOGY

- Create a Class
- Create an Object
- Create a Constructor
- Create a Subclass