

Course Title:	Intro. to Programming using Java I (<i>Basic</i>)
Duration:	Five (5) Days
Class Schedule:	9:00am to 5:00pm
Target Participants:	Government and Private I.T. Personnel, Members of the Academe and College Graduates of Computer Science and I.T. related courses.
Total Hours:	35 Hours

Course Contents:

Day 1: Introduction to Computer Programming

- Introduction to Java
- Getting to Know Your Programming Environment
- Programming Fundamentals
 - Dissecting my first Java Program

Day 2: Programming Fundamentals

- Getting Input from the Keyboard
- Control Structures
 - Decision Control Structures (if, else, switch)

Day 3: Control Structures

- Loops
 - Java Arrays
 - Command Line Arguments
 - Working with Java Class Library
- Introduction to Object-oriented Programming
- Encapsulation
- Classes and Objects
- Class variables and methods

Day 4: Working with Java Class Libraries (con't)

- Object-Oriented Programming
- Inheritance

Day 5: Polymorphism

- Basic Exception Handling
- Exceptions and Assertions
- Advance programming Techniques*
- Tour of the java.lang package*