

# Java™ Overview Workshop

## WS-Java @ 1 day

### Overview

This workshop is created by ECS Training Division to meet the demands of individuals who wish to have a quick hands-on session on Java Programming language.

### Audience

- For those who wants an appreciation of Java Technology in a hands-on format
- Managers of all level seeking an understanding of Java



### Course Outline

#### Java Overview

- History of Java
- The Features
- Platform Independence
- Multithreaded program
- Object-oriented program
- Garbage Collector
- Java Virtual Machine
- Usage in Application & Applet
- Application Programming Interface (API) Introduction
- **Exercise:** Usage of API

#### Object-Oriented Concept Introduction

- Inheritance
- Polymorphism
- Encapsulation
- Abstraction
- Benefits of using Java - What is so good about Java?

#### Simple Java Program

- Hello World example with explanation (maybe another example as well)
- Introduction to Graphical User Interface (GUI)
- Demo on how easy to create application using the tool (Live)
- Another Code showing normal convention of doing it without tool
- **Exercise:** Hands on with Examples Demonstration

#### Threads

- Threads Concept and Usage
- Demonstration of a Thread Program

#### I/O & Networking Overview

- Relationship between Networking and I/O
- Protocol used. (TCP/IP)

#### J2EE Overview

- J2EE Infrastructure
- J2EE Components Container
- J2EE Services Infrastructure
- Advantages Of Server Provider
- Services
- J2EE Architecture

#### Conclusion

- Java Language Summary
- Java Road Map

#### Q & A Session

#### REGISTRATION AND INFORMATION

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