



JAVA / J2EE Training

Duration: 50 Hours (15 Sessions)

Pre-requisites: Knowledge of Computer, Windows OS, MS Office.

Session 1

- ✦ Introduction to Java
- ✦ Variables
- ✦ Operators
- ✦ Statements
- ✦ Access Modifiers

Session 2

- ✦ Classes & Objects
- ✦ Constructors
- ✦ Interfaces

Session 3

- ✦ OOPs Concepts
- ✓ Inheritance
- ✓ Polymorphism
- ✓ Encapsulation
- ✓ Abstraction

Session 4

- ✦ Exception Handling
- ✓ Throws
- ✓ Throw
- ✓ Try, Catch and Finally

Session 5

- ✦ Arrays
- ✦ Collections
- ✓ List
- ✓ Set
- ✓ Map
- ✓ LinkedList
- ✓ ArrayList
- ✓ HashSet
- ✓ TreeSet
- ✓ HashMap
- ✓ TreeMap
- ✓ Iterators
- ✓ ListIterators
- ✓ Collection

Session 6

- ✦ String
- ✦ StringBuffer
- ✦ StringBuilder
- ✦ Calendar

Session 7

- ✦ Java Generics

Session 8

- ✦ Inner Classes
- ✦ Networking Concepts using different protocols

Session 9

- ✦ Thread
- ✦ Multithreading

Session 10

- ✦ Java I/O packages
- ✓ Reader
- ✓ Writer
- ✓ InputStream
- ✓ OutputStream
- ✓ printWriter
- ✓ printReader
- ✓ BufferedInputStream
- ✓ BufferOutputStream
- ✓ RandomAccessFile
- ✓ ByteArrayInputStream
- ✓ ByteArrayOutputStream
- ✓ ObjectInputStream
- ✓ ObjectOutputStream
- ✓ FileReader
- ✓ FileWriter

Session 11

- ✦ Java Database Connectivity

Session 12

- ✦ Serialization
- ✦ Internationalisation(i18N)

Session 13

- ✦ Introduction to J2EE
- ✦ Servlet

Session 14

- ✦ JSP
- ✓ ImplicitObject
- ✓ Bean initialization
- ✓ Bean method invoking
- ✓ Session Handling

Session 15

- ✦ Hibernate

Session 16 – Mockup Interview Session



Session 17

- ✦ Struts 1.2
- ✦ JSTL

Session 18

- ✦ Struts 2

Session 19

- ✦ Struts with Hibernate integration

Session 20

- ✦ Introduction to Spring
- ✦ Spring IOC

Session 21

- ✦ Spring AOP
- ✦ Spring Annotations

Session 22

- ✦ Spring Validation
- ✦ Spring Traction

Session 23

- ✦ Spring MVC

Session24

- ✦ Spring with Struts Integration

Session25

- ✦ Spring with Hibernate Integration

Session26

- ✦ Introduction to EJB
- ✦ ACID properties
- ✦ Stateless Session Bean

Session 27

- ✦ Stateful Session Bean
- ✦ BMP Bean

For more information, call us on 385 743 0999 / 385 237 9777
Or email us at info@mindsmapped.com

Session 28 – Resume Preparation

Session 29

- ✦ CMP Bean
- ✦ Message Driven Bean
- ✦ 1)Mini project Using Spring with EJB(Homework)
- ✦ 2)Mini Project Using Struts without EJB(Home work)

Session 30

- ✦ SOA Fundamentals
- ✦ MQ and JMS Concept

Session31

- ✦ JMS -Demo by using HornetQ

Session 32

- ✦ WebServices
- ✦ SOAP Webservice
- ✦ Restful Webservice with sample

Session 33

- ✦ Introduction to ESB

Session 34

- ✦ Project work

Session 35 – Mockup Interview Session