

## JAVA COURSE CONTENT

<ul style="list-style-type: none"><li>❖ <b>Java SE 1.6 &amp; 1.7</b></li><li>❖ <b>Core Java</b><ul style="list-style-type: none"><li>✓ Explaining Java Technology</li><li>✓ Introduction to OOP</li><li>✓ Grammer and Lexical Structure</li><li>✓ Sample java program</li><li>✓ Declaring, Initializing, use variable</li><li>✓ Creating and Using Objects</li><li>✓ Using Operators and Decision Constructs</li><li>✓ Using Loop Constructs</li><li>✓ Developing and Using Methods</li><li>✓ Implementing Encapsulation and Constructors</li><li>✓ Creating and Using Arrays</li><li>✓ Implementing Inheritance</li><li>✓ Class Design</li><li>✓ Advanced Class Features</li><li>✓ Interfaces</li><li>✓ Packages</li><li>✓ Exceptions and Assertions</li><li>✓ Collections and Generics Framework</li><li>✓ I/O Fundamentals</li><li>✓ Threads</li></ul></li><li>❖ <b>Hibernate</b><ul style="list-style-type: none"><li>✓ Introduction to Hibernate</li><li>✓ Configurations - I</li><li>✓ Features</li><li>✓ Hibernate O/R Mapping</li><li>✓ CRUD operation</li><li>✓ Hibernate query Lanaguage</li><li>✓ XML Configurations</li><li>✓ Annotations usage</li><li>✓ Criteria</li><li>✓ Associations and joins along with all attributes</li><li>✓ Hibernate datatypes</li><li>✓ Examples</li><li>✓ Fetching Strategies</li><li>✓ Configurations - II</li><li>✓ Transactions</li></ul></li></ul>	<ul style="list-style-type: none"><li>❖ <b>Java EE</b></li><li>❖ <b>Spring</b><ul style="list-style-type: none"><li>✓ Introduction</li><li>✓ Installing</li><li>✓ IOC, Dependency Injection</li><li>✓ Beans</li><li>✓ Bean feature, attributes, etc..</li><li>✓ Calling constructor, Init Methods</li><li>✓ AOP</li><li>✓ mAILING</li><li>✓ Threads</li><li>✓ Scheduling</li><li>✓ JMS</li><li>✓ Asynchronise calls</li><li>✓ Spring MVC</li><li>✓ Ajax</li><li>✓ Introduction to Web Services</li><li>✓ Building RESTful Web Services with JAX-RS</li><li>✓ Advanced JAX-RS Features</li><li>✓ Running the Advanced JAX-RS Example Application</li><li>✓ RMI</li><li>✓ Programming and Declarative approaches</li><li>✓ Using JavaServer Faces Technology in Web Pages</li><li>✓ JavaServer Faces Technology Advanced Concepts</li><li>✓ Configuring JavaServer Faces Applications</li><li>✓ Introduction to Spring 3.x</li><li>✓ Internationalizing and Localizing Web Applications</li><li>✓ Building Web Services with JAX-WS</li><li>✓ Java Message Service Concepts &amp; Examples</li></ul></li></ul>
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