



- Courses For Event Java Advanced Summer Training 2018

- Java Fundamentals
- Oracle Java SE 8
- Advanced Java Training
- Java Advanced Expert Edition

- Topics For Java Fundamentals

- Introduction To Java
- Installation Of JDK
- Variables
- Data Types
- Operators Part 1
- Operators Part 2
- Ternary Operator
- Conditional Statements
- Switch Case
- For Loop
- While Loop
- Do-while Loop
- Classes and Objects
- Methods In Java
- Method Overloading In Java
- Constructor In Java
- Constructor Overloading
- Introduction To Inheritance
- Types Of Inheritance
- Super Keyword
- Access Modifiers In Java
- Nested Class
- Overview of Exception Handling
- Exception Handling : Try-Catch , Nested Try ,Multi Catch
- Exception Handling : Finally
- Exception Handling : Throw Keyword
- Exception Handling : Throws Keyword
- Final Keyword
- Abstract Classes and Methods
- Bitwise Operators
- Working with Date and Time
- Java Date/Time API
- Formatting Dates
- LocalDate Class Part 1
- LocalDate Class Part-2
- Java LocalTime Class
- Java LocalDateTime Class
- Polymorphism



- Java Swings Part-1
- Java Swings Part-2
- Swings - Event Handling
- Using An Array
- Using Loop To Process An Array
- Two-Dimensional Array
- The JDBC API
- Creating And Running A Jar File
- Running a jar file using cmd
- String Builder Class
- Math.Random Method
- ArrayList Class
- Converting an array into arraylist
- Lambda Expression
- Using Casting / TypeCasting
- File Handling/ByteStream Part 1
- File Handling/Byte Stream Part2
- Character Stream
- Interface
- Using Interface
- Extending Interfaces
- Assertions In Java
- Creating Generic Class
- Java Enum
- Stream API Example
- Stream API and Fork Join Framework
- Stream Operations
- Stream Map
- Stream FlatMap
- Stream Sorting
- Java File Class
- Using the Stream API with NIO.2
- Method Reference
- Method Chaining

• Topics For Advanced Java Training

- JDBC With Swing
- Login and Registration with Mysql
- Login and Profile Page with Mysql
- Develop and Consume Web Service in java
- Create Web Services Using Java
- Java Servlet
- Create JSON Service in Java.
- Batch 1 - Java Servlet.
- Batch 2 - Read JSON output,Parse and show in Servlet Part-1
- Batch 2 - Read JSON output, Parse and show in Servlet Part-2



- Batch 1 - Creating and Parsing JSON Object Definition
- Batch 2 - JSP Introduction, Creation And Showing Information Using Servlet
- Batch 2 - Advanced JSP with Servlets and Database Part-1 [TripAdvisor Exampe]
- Batch 2 - Advanced JSP with Servlets and Database Part-2 [TripAdvisor Exampe]
- Batch 1 - JSON Parsing with JSP and Servlet [Google Directions API]
- Batch 1 - JSP, Servlet and Database using Facebook Example
- Batch 2 - Create a Student Results Application Using JSP, Servlet, Database, Session
- Session handling in JSP
- File Uploading in JSP using Multipart Request
- Batch 1 - File Uploading and Display on JSP Page

- Resources For Advanced Java Training

- What is JSON?
- Checkbox with click example source code
- Autofetch data from database using setTimeout in Jquery example source code

- Topics For Java Advanced Expert Edition

- Overview of Java EE Applications
- Enterprise Application Technologies and Profiles
- Java EE Technology Specifications
- Java EE Platform Tiers and Architecture
- A Sample Java EE Application
- Java Application Server Implementations
- Selecting a Java EE Application Server
- Java EE IDEs
- Java EE Development Process
- Overview of Java EE Containers and Components
- Java EE Component Features
- Configuring and Packaging Java EE Applications
- Deployment Descriptors
- Installing the GlassFish Server
- Writing a Test Application
- JavaBeans
- Working with JavaBeans
- Overview of Java Logging
- Working with the Logger Class
- Handling Logging
- Configuring Logging
- Adding a Logger to a Java EE application
- Overview of Annotations
- Annotation Types
- Using Annotations
- Method Chaining
- Overview of Java Web Applications
- Java Web Application Types
- Using MVC in Java Web Applications



- [The HTTP Request-Response Model](#)
- [Web Component Overview](#)
- [Servlets and JSPs](#)
- [JSF and JSP EL](#)
- [JAX-RS and Web Clients](#)
- [Configuring Web Application Components](#)
- [Configuring a Java Web Application](#)
- [Creating a Servlet](#)
- [Creating a JAX-RS Web Service](#)
- [Inspecting a Web Page](#)
- [Basic Servlets](#)
- [Configuring Servlets](#)
- [Servlet Responses](#)
- [Server-Side Processing](#)
- [Servlet Session Management](#)
- [Creating a Servlet Controller Class](#)
- [Creating a Servlet for File Uploads](#)
- [Overview of JavaServer Pages](#)
- [Comparing JSPs to Servlets](#)
- [Working with JSP](#)
- [JSP Directives](#)
- [JSP Declarations, Expressions, and Scriptlets](#)
- [JSP Scopes](#)
- [JSP taglib Directive and EL](#)
- [Creating JSP Pages](#)
- [Modifying View Pages](#)
- [Adding a Settings Page](#)
- [Working with JavaScript](#)
- [JavaScript Data Types and Variables](#)
- [JavaScript Functions and Scopes](#)
- [JavaScript Objects](#)
- [JavaScript Arrays](#)
- [Working with DOM Elements Using JavaScript](#)
- [Overview of JSON](#)
- [Overview of AJAX](#)
- [Developing a Single Page Application](#)
- [Calling RESTful Services from JavaScript](#)
- [Using the Java API for WebSocket](#)
- [Java Support for JSON](#)
- [JAX-RS Support for JSON-P](#)
- [Developing a WebSocket Endpoint and Client](#)
- [Using the JSON-P API](#)
- [Container-managed Security](#)
- [User Roles](#)
- [Security Annotations](#)
- [Using the Security API](#)



- [Using Declarative Security](#)
- [Java EE Application Layers](#)
- [POJOs, EJBs, and EJB-Lite](#)
- [The EJB API](#)
- [Stateless, Stateful, and Singleton Session Beans](#)
- [Creating a Session Bean](#)
- [Session Bean Life Cycles](#)
- [Session Bean Method Invocation and SessionContext](#)
- [JNDI Names for EJB Components](#)
- [Invoking a Session Bean](#)
- [Using a Singleton Session Bean](#)
- [The Java Persistence API](#)
- [JPA Entities](#)
- [Entity Mapping](#)
- [Entity Temporal Types and Transient Fields](#)
- [Persistent Data Types, Fields, and Properties](#)
- [Persistence Units](#)
- [Entity Manager](#)
- [JPA Queries](#)
- [Creating a Java Database](#)
- [Creating an Entity from a POJO](#)
- [Configuring a Persistence Unit](#)
- [Using the Java Persistence API](#)
- [Creating Dynamic JPQL Queries](#)
- [Transaction Semantics and Models](#)
- [Programmatic and Declarative Transactions](#)
- [Using JTA to Scope Transactions Programmatically](#)
- [Implementing a Container-managed Transaction Policy](#)
- [Transaction Scope and Entity Synchronization](#)
- [Exceptions and Transaction State](#)
- [Updating and Persisting Data](#)
- [Implementing a Versioning Policy](#)
- [Controlling Optimistic Locking](#)
- [Overview of JSF](#)
- [JSF Application Elements](#)
- [Tag Libraries](#)
- [Managed Beans](#)
- [A Sample JSF Application](#)
- [JSF Application Life Cycle Phases](#)
- [Text and HTML within Facelet Pages](#)
- [Managed Bean Life Cycle and Scope](#)
- [Using the Unified EL](#)
- [JSF Page Navigation](#)
- [Using JSF](#)