

Advanced Java

Duration :30 hrs

1. JDBC

- Common JDBC components
- Steps to connect to the database using MySQL and Oracle database
- Types of JDBC statements – statements, preparedStatement and callableStatement
- Transactions management in JDBC
- CRUD operation using preparedStatement
- Calling Stored procedure using callableStatement
- How Result Set Works in JDBC

2. SERVLET

- Servlet – environment setup
- ServletConfig and ServletContext parameters
- Servlet life cycle
- Servlet Attribute And Servlet Parameters
- Exploring Deployment Descriptor (web.xml)
- Session Tracking In Servlet
- Servlet Filter
- Types Of Filter
- Servlet Filter Mapping In Web.Xml
- Servlet-listener
- Various Servlet Listener
- Servlet Listener Configuration
- servlet-security
- Details about MVC architecture
- Practical exposure on MVC using JSP and Servlet

3. JSP

- JSP – Overview
- JSP – Life Cycle
- JSP API
- SP-Scripting Elements
- JSP- Directive Elements
- Types Of JSP Scopes
- JSP – Custom Tags
- JSP-Implicit Objects
- JSP – Standard Tag Library (JSTL)
- JSP – Expression Language (EL)
- JSP – Exception Handling