Topics
JDBC
Revision of Basics Of SQL Queries
JDBC API Intro
Connecting Java App With DB
Execution of Update, Delete, insert queries using PreparedStatement
Executing Select Queried and Handling ResultSet
Task Assignment and discussion
JSP and Servlet
Introduction Of Java Editions and importance of JEE
Web Application Introduction (type of Web App, client, server, Protocol etc.)
Revision of Basics Of HTML
Setting up envrionment to work on Web Application
Servlet introduction
Creating First Web application. Creating Servlet and Configuration by XML & annotation
Servlet Life Cycle and Returing response to Client
Getting Request and Data (parameter) from client into Serlvet
Connecting one servlet to another servlet
Task Assignment and discussion
Redirection techniques
JSP introduction
Creating and Configuring the JSP
JSP Life Cycle
Scripting Elements in JSP
Implicit Objects in JSP
JSP Servlet communication
Task Assignment and discussion
Session Tracking Techniques
Task Assignment and discussion
MVC Pattern using JSP servlet
Task Assignment and discussion
Hibernate
ORM tool intro
Hinernate Framework Introduction and Architecture
Maven basics and Creating simple Maven Application
Getting Started with Hibernate Application and Hibernate Configuration
Working With Entity Classes and Annotations
Hibernate APIs and CURD operations
Working with Custom queries using HQL and Native Queries
Relational Mapping
Spring
Spring Framework Introduction and Architecture
Spring Core/IOC (Spring Container, spring Beans, CI, SI, DI, Autowire)
Spring JDBC
Spring Hibernate Integration