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Director
Mr. Kamal Bhatia

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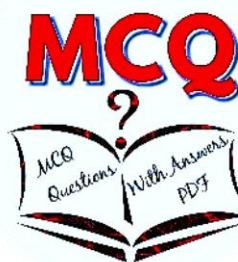
“Advanced Java is the collection of technologies and tools that enable developers to create dynamic and secure applications, including features such as JDBC (Java Database Connectivity)”

1. MYSQL

- MySQL - Home
- MySQL - Introduction
- MySQL - Installation
- MySQL - Connection
- MySQL - Create Database
- MySQL - Drop Database
- MySQL - Select Database
- MySQL - Data Types
- MySQL - Create Tables
- MySQL - Drop Tables
- MySQL - Alter Tables
- MySQL - Insert Query
- MySQL - Select Query
- MySQL - Where Clause
- MySQL - Update Query
- MySQL - Delete Query
- MySQL - Like Operator
- MySQL - Aggregate Functions
- MySQL - Auto Increment
- MySQL - Default Values
- MySQL - Sorting Results
- MySQL - Primary Key
- MySQL - Unique Key
- MySQL - Foreign Key
- MySQL - Using Join
- MySQL - NULL Values
- MySQL - Database Export
- MySQL - Database Import

Duration : 3 Months

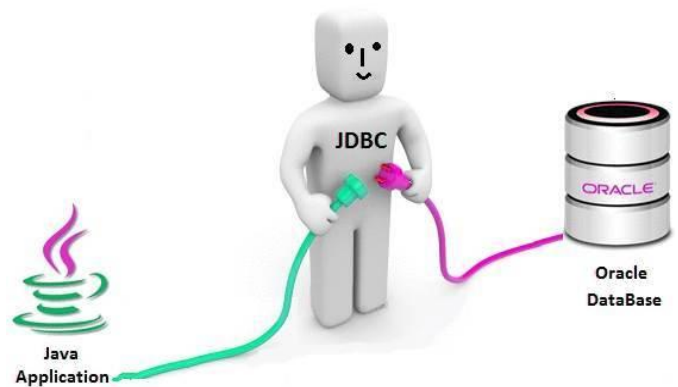
Fees : Rs. 8000 Only/-



2. JDBC

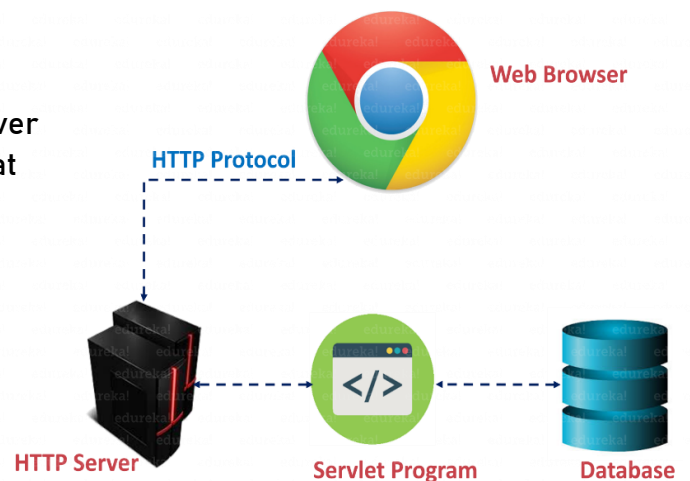
- Introduction
- Jdbc Architecture

- Types of Drivers
- Statement
- ResultSet
- executeQuery()
- executeUpdate()
- execute()
- PreparedStatement
- SQL Injection
- Read Only ResultSet
- Updatable ResultSet
- Forward Only ResultSet
- Scrollable ResultSet
- ResultSetMetaData
- DatabaseMetaData
- Batch Updates
- Transaction
- SavePoint
- BLOB & CLOB
- CallableStatement



3. Servlet

- Basics of Servlet
- Web application Architecture
- Http Protocol & Http Methods
- Web Server & Web Container
- Servlet API
- Servlet Interface
- GenericServlet
- HttpServlet
- Servlet Life Cycle
- Working with Apache Tomcat Server
- Steps to create a servlet in Tomcat
- servlet in Eclipse
- Annotation Servlet
- ServletConfig methods
- ServletContext
- ServletRequest methods
- ServletResponse methods
- Single Thread Model
- RequestDispatcher
- sendRedirect
- Attribute set, get and remove



- Session Tracking
- URL Rewriting
- Hidden Form Field
- Cookies
- HttpSession
- Event and Listener
- Filter
- ServletInputStream and ServletOutputStream
- Wrappers



4. JSP

- Basics of JSP
- Life cycle of JSP
- JSP API
- JSP in Eclipse
- Scripting elements
- scriptlet tag
- expression tag
- declaration tag
- Implicit Objects
- out
- request
- response
- config
- application
- session
- pageContext
- page
- exception
- Directive Elements
- page directive
- include directive
- taglib directive
- Exception Handling
- Action Elements
- jsp:forward
- jsp:include
- Bean class
- jsp:useBean
- jsp:setProperty & jsp:getProperty
- Expression Language
- MVC in JSP
- Custom Tag
- Custom Tag with Attributes
- Custom Tag with Body

5. JSTL

- Core Tags
- Function Tags
- Formatting Tags
- XML Tags
- SQL Tags

6. AJAX

- Introduction to AJAX
- AJAX XMLHttpRequest
- AJAX Request
- AJAX Response
- AJAX Database

7. JavaMail API

- Introduction
- Sending Email

- Sending email by Gmail
- Receiving Email
- Sending attachment
- Receiving attachment
- Sending HTML
- Forwarding Email
- Deleting Email

8. Uploading File

- Uploading File

9. Hibernate

- Hibernate Introduction
- Hibernate Architecture
- Understanding First Hibernate application
- Hibernate Application
- Hibernate with annotation
- Hibernate Web application
- Hibernate Generator classes
- Hibernate Dialects
- Inheritance Mapping
- Transaction Management
- HQL & HCQL

10. Networking Basics

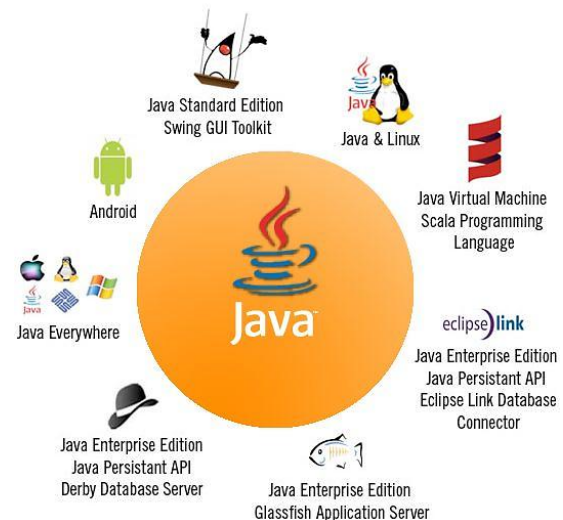
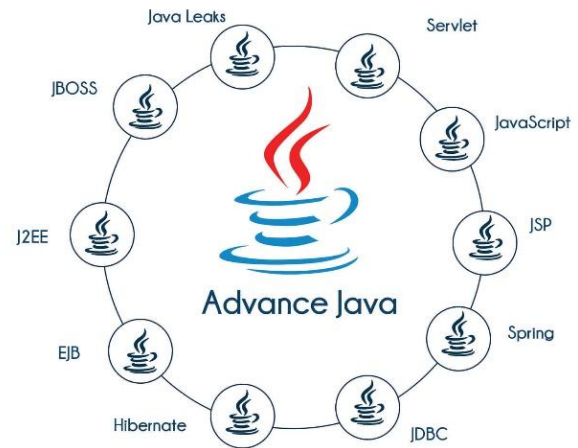
- InetAddress
- Factory Methods
- URL
- URLConnection
- Datagram
- DatagramSocket
- DatagramPacket
- A Datagram Example
- TCP/IP Server Sockets
- A TCP/IP Example

11. Remote Method Invocation (RMI)

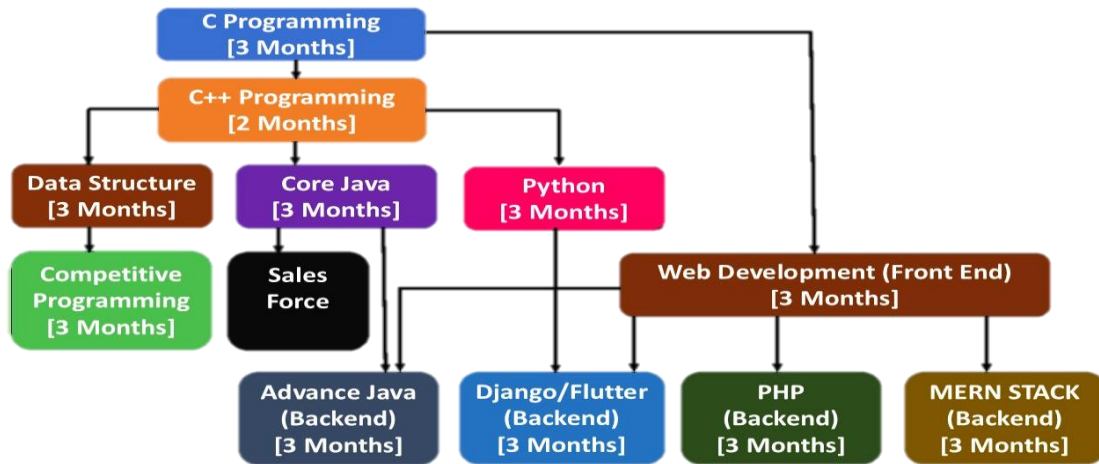
- A Simple Client/Server Application Using RMI

12. Project

- Online Shopping Website



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Sunny Jain

15+ years experience



Sheespal Choudhary

5+ years experience



Kamal Bhatia

25+ years experience



Divya Bhatia

20+ years experience