

JavaEE Programming Fundamentals

1. Getting Started (Front-End or UI/UX):

- 1) HTML
- 2) CSS
- 3) JavaScript

2. WEB ARCHITECTURE:

- 4) Web application Architecture
- 5) Http Protocol & Http Methods
- 6) Web Server & Web Container

3. SERVLETS

- 7) Servlet Interface
- 8) GenericServlet
- 9) HttpServlet
- 10) Servlet Life Cycle
- 11) ServletConfig
- 12) ServletContext

4. Servlet Communication

1. Servlet-Browser communication

- 13) sendError
- 14) setHeader
- 15) sendRedirect

2. Web-component Communication

- 16) Forward
- 17) Include

5. JDBC (JavaDataBaseConnectivity)

- 18) Introduction of DBMS and SQL
- 19) Types of Drivers
- 20) Connection Modes
- 21) Statement
- 22) PreparedStatement
- 23) ResultSet

6. Session Management

Session Tracking Mechanisms

- 24) HttpSession
- 25) Cookies
- 26) URL-Rewriting
- 27) Hidden-Form Fields

7. Filters & Wrappers

8. JSP

- 28) Introduction
- 29) Jsp LifeCycle
- 30) Jsp Implicit Objects & Scopes

9. JSP Directives:

- 31) page
- 32) include
- 33) taglib

10. JSP Scripting Elements

- 34) declaratives
- 35) scriptlets
- 36) expressions

11. JSP Actions

- 37) useBean tag
- 38) setProperty tag
- 39) getProperty tag
- 40) include tag
- 41) forward tag

12. EL (Expression Language)

13. JSTL (JSP Standard Tag Library)

14.TOOL USED:

- MyEclipse
- Tomcat
- MySql with HiediSql

PROJECT WORK

Interview Questions discussion with assignments and Mini
Project Discussion Based on Real Time Problem

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