SLOG SOLUTIONS PRIVATE LIMITED
TECHNOLOGY: ADVANCE JAVA
DURATION: MODULE 1 (4 WEEKS)

MODULE 1:

Advance JAVA Essentials

Collection

- Array List
- Linked List
- Hash Set
- Map
- List
- set
- ArrayDeque

JDBC

- JDBC Drivers
- Steps to connect to the database
- Connectivity with MySQL
- Driver Manager
- Connection interface
- Statement interface
- Result Set interface
- Prepared Statement
- Create, Read, Update, Delete (CRUD)

Servlet

- Basics of Servlet
- Servlet: What and Why?
- Basics of Web
- Servlet Interface
- How servlet works?
- Generic Servlet
- HttpServlet
- Servlet Life Cycle
- Working with Apache Tomcat Server
- ServletRequest
- ServletRequest methods
- Registration example with DB
- Servlet Collaboration
- Request Dispatcher
- sendRedirect

ServletConfig

- ServletConfig methods
- ServletConfig example

Servlet Context

- Servlet Context methods
- Servlet Context example

Session Tracking

- Cookies
- Hidden Form Field
- URL Rewriting
- HttpSession

Basics of JSP

- Life cycle of JSP
- JSP API
- 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

Action Elements

- jsp:forward
- jsp:include
- Bean class
- jsp:useBean

MVC in JSP