IT TECHNOLOGY
Training & Placement

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JAVA FULL STACK COURSE

REALTIME & JOB ORIENTED TRAINING PROGRAM
BY REAL TIME INDUSTRY EXPERT (15 Years Exp)

2 REALTIME SCENARIO BASED PROJECTS

JAVA FULL STACK online & offline hands-on training program conducted by well qualified and subject matter experts. Training program covers 100% end-to-end complete in-depth concepts with Real-time scenario-based Automation project

FACULTY : VENKATESHWAR SIR (15 YEARS EXPERIENCE)

DURATION : 4MONTHS

MINI PROJECTS : 2PROJECTS

Course Highlights:

- **Training and Placement Assistance**:
  - Daily mult-Topics wise Assignments
  - Research Work
  - Project Assignment
  - Resume Preparation
  - Mock Interviews
  - Test Exams
  - Interview referrals
  - Job updates

Detailed syllabus:

Java Programming:

Basics:

1.History of Java.
2.Comments.
3.Data types.
4.Variables.
5.Constants.
6.Scope and Lifetime of variables.
7.Operators.
8.Type conversion and casting.
9.Enumerated types .
10.Math functions.
11.Numeric functions .
12.Wrapper classes.
13.Control flow- block scope .
14.conditional statements.
15. loops.
16.break and continue statements.
17.Character arrays.

Numeric Data type:

1.Math lib.
2.Numeric example program.

Character Data type:

1.Character data example programs.
2.Character wrapper class methods.

String Data:

1.String built-in methods.
2.Stringbuilder class .
3.Stringbuffer class .
4.String array .
5.Multidimensional Array.

Java Class Introduction:

1.Class object and its methods .
2.Constructors.
3.Access control.
4.This reference.
5.Overloading constructors.
6.Recursion.

7.Garbage collection.

Inheritance :

1.Inheritance types.

2. Super keyword.

3.Final classes and methods .

Polymorphism :

1.Method overloading.
2.Method overriding.
3.Abstract classes and methods.

Interfaces:

1.Interfaces Vs Abstract classes.
2.Defining an interface.
3.Implement interfaces.
4.Extending interface.
5.Inner class.

Packages:

1.Defining.
2.Creating and accessing a
Package.
3.Importing packages.
4.Exception handling-
5.Benefits of exception handling.
5.The classification of exceptions -
6.Exception hierarchy.
7.Checked exceptions.
7.Unchecked exceptions.
8.Usage of try, catch, throw, throws and finally.
9.Creating own exception.
10.Subclasses.

Multithreading :

1.Differences between multiple
processes and multiple threads.
2.Thread life cycle.
3.Creating threads.
4.Interrupting threads.
5.Thread priorities.
6.Synchronizing threads.

Collection Framework in Java :

1.Introduction to java collections.
2.Overview of java collection
Framework.
3.Commonly used collection
classes-
Array List.

Vector.

Hash table.
Stack.
Lambda Expressions.

Files:

1.Streams.
2.Byte streams.
3.Character streams.
4.Text input/output.
5.Binary input/output.
6.File management using File
class.

Connecting to Database :

1.JDBC Type 1 to 4 drivers.
2.Connecting to a database.
3.Querying a database and
processing the results.
4.Updating data with JDBC.
5.Data Access Object (DAO).

JSP:

1.Life cycle of jsp.
2.Jsp Scripting Elements.
3.Jsp requet.
4.Jsp response.
5.Jsp page.

Sping:

1.Dependency Injection.
2.Spring JdbcTemplate .
3.Spring ORM with Hibernate.
4.Spring with JPA.
5.Spring MVC.
6.Spring CURD example .

========== THANKYOU ==========