# Java Web Training, JEE (J2EE): Web Programming in Java / Hibernate

## Introduction to Java EE (J2EE)

Historical
Java SE
Java EE
Development tools and environment
Implementation of tools
MVC design pattern
Notion of requests, protocol and Operation

## Notion of J2EE

Basic concepts
Data transmission between pages
Servlet
JEE API

## Develop a web application

Presentation of JSP
Using Java in JSPs
JSTL and EL
Scope of HTTP requests and control of the data exchanged (cookies, sessions and filters)

## Databases with Java EE

Oracle Database and JDBC
Use of DB with SQL and Native Java
CAD Design Pattern

## Introduction to Frameworks

Presentation of the most popular (Hibernate, Spring, Struts…)

## Hibernate

Object-relational correspondence mapping
HQL queries