Day 12 : Spring & Hibernate

1. Spring is a Java based Enterprise Application Development framework.
2. It’s work on the principle of IoC (Inversion of Control) & DI (Dependency Injection)
3. Spring is also called as Framework of frameworks.
4. It has different modules (Core, AOP, ORM,OXM,web, J2EE, etc.,)

ORM Frameworks (Hibernate)

1. Object Relational Mapping Framework
2. It works on the specification of JPA (Java Persistence API)
3. It supports both Xml & annotation configurations
4. It provides a way to interact with any RDBMS
5. It provide HQL (Hibernate Query Language) which is RDBMS independent Query
6. It uses dialect to interact with RDBMS.

MVC – Design Pattern

M-Model (Data)

V – View (HTML/JSP/ASP)

C –Controller (Servlet/JSP/Java Class)