**Configure Hibernate in Eclipse IDE**

**HibernateUtil.java**

package simpli;

import org.hibernate.SessionFactory;

import org.hibernate.boot.\*;

import org.hibernate.boot.registry.\*;

public class HibernateUtil {

private static final SessionFactory *sessionFactory*;

static {

try {

StandardServiceRegistry standardRegistry = new StandardServiceRegistryBuilder()

.configure("hibernate.cfg.xml").build();

Metadata metaData = new MetadataSources(standardRegistry).getMetadataBuilder().build();

*sessionFactory* = metaData.getSessionFactoryBuilder().build();

} catch (Throwable th) {

System.*out*.println(th);

throw new ExceptionInInitializerError(th);

}

}

public static SessionFactory getSessionFactory() {

return *sessionFactory*;

}

}

**InitDemo.java**

package simpli;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

@WebServlet("/init")

public class InitDemo extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

PrintWriter out = response.getWriter();

out.println("<html><body>");

// STEP 1: Get a Session (connection) from the Session Factory class

SessionFactory factory = HibernateUtil.getSessionFactory();

Session session = factory.openSession();

out.println("Hibernate Session opened.<br>");

session.close();

out.println("Hibernate Session closed.<br>");

// STEP 2 execute the HQL commands

// for now we will only test if the connection is establised with MySQL server.

out.println("</body></html>");

}

}

**hibernate.cfg.xml**

<?xml version=*'1.0'* encoding=*'utf-8'*?>

<!DOCTYPE hibernate-configuration PUBLIC

"-//Hibernate/Hibernate Configuration DTD 3.0//EN"

"http://www.hibernate.org/dtd/hibernate-configuration-3.0.dtd">

<hibernate-configuration>

<session-factory>

<!-- Database connection settings -->

<property name=*"connection.driver\_class"*>com.mysql.jdbc.Driver</property>

<property name=*"connection.url"*>jdbc:mysql://localhost:3306/ecommerce</property>

<property name=*"connection.username"*>root</property>

<property name=*"connection.password"*>root</property>

</session-factory>

</hibernate-configuration>

**index.html**

<title>Hibernate Configuration Example </title>

<h3>Hibernate Configuration Example </h3>

<a href=*"init"*>Initialize Hibernate</a><br>

**OUTPUT**



