**HibernateConnection.java:**

**package** com.connection;

**import** org.hibernate.SessionFactory;

**import** org.hibernate.boot.Metadata;

**import** org.hibernate.boot.MetadataSources;

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

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

**public** **class** HibernateConnection {

**private** **static** SessionFactory *sessionFactory*;

**public** **static** SessionFactory getSessionFactory() {

**if**(*sessionFactory* == **null**) {

**try** {

StandardServiceRegistry standardRegistry = **new** StandardServiceRegistryBuilder()

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

Metadata metadata = **new** MetadataSources(standardRegistry).getMetadataBuilder().build();

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

} **catch** (Exception e) {

e.printStackTrace();

}

}

**return** *sessionFactory*;

}

}

**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>

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

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

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

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

<property name=*"hibernate.dialect"*>org.hibernate.dialect.MySQL5Dialect</property>

<property name=*"show\_sql"*>true</property>

<property name=*"hbm2ddl.auto"*>update</property>

</session-factory>

</hibernate-configuration>

**HibernateConfigServlet.java:**

**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.SessionFactory;

**import** com.connection.HibernateConnection;

/\*\*

\* Servlet implementation class HibernateConfigServlet

\*/

@WebServlet("/HibernateConfigServlet")

**public** **class** HibernateConfigServlet **extends** HttpServlet {

**private** **static** SessionFactory *sessionFactory* = **null**;

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** HibernateConfigServlet() {

**super**();

*sessionFactory* = HibernateConnection.*getSessionFactory*();

}

/\*\*

\* **@see** HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

**protected** **void** service(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

**if**(*sessionFactory* != **null**) {

**try** {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

out.println("<h1>Connected to MySQL successfully....</h1>");

} **catch** (Exception e) {

e.printStackTrace();

}

}

}

}

**index.html:**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Hibernate Config</title>

</head>

<body>

<form action=*"HibernateConfigServlet"* method=*"get"*>

<input type=*"submit"* value=*"Connect to DB"* />

</form>

</body>

</html>