## Configure Hibernate in Eclipse IDE

## hibernate.cfg.xml

## Index.html

```
<title>Hibernate Demo </title>
<h3>Hibernate Configuration Example </h3>
<a href="init">Initialize Hibernate</a><br>
```

```
HibernateUtil.java package com.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();
```

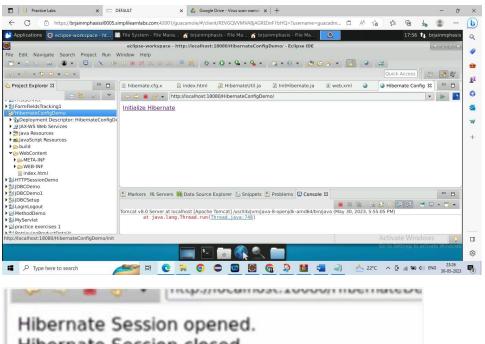
sessionFactory = metaData.getSessionFactoryBuilder().build();

```
throw new ExceptionInInitializerError(th);
             }
      }
      public static SessionFactory getSessionFactory() {
             return sessionFactory;
      }
}
HibernateInit.java
package com.simpli;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.*;
import org.hibernate.*;
@WebServlet("/init")
public class HibernateInit extends HttpServlet {
```

```
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();
             // STE2 Create the session object
             Session session = factory.openSession();
             out.println("Hibernate Session opened.<br>");
             session.close();
             out.println("Hibernate Session closed.<br>");
             out.println("</body></html>");
      }
```

}

OUTPUT:



Hibernate Session opened. Hibernate Session closed.