

Configure Hibernate in Eclipse IDE.

Index.html

```
<html>
<head>
<title>Hibernate Demo </title>
</head>
<body>
<h3>Hibernate Configuration Example </h3> <a href="init">Initialize
Hibernate</a>
<br>
<br>
<br>
<h3>Hibernate Query Demo </h3>
<a href="query-demo">Query Here and get the data</a>
<br>
</body>
</html>
```

Hibernateinit:

```
package practice;

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>");
    }
}
```

```
}
```

Hibernateutil:

```
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) {
            throw new ExceptionInInitializerError(th);
        }
    }

    public static SessionFactory getSessionFactory() {
        return sessionFactory;
    }
}
```