

1.Configure Hibernate in Eclipse IDE.

### **index.html**

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8" />
    <title>Hibernate Demo</title>
  </head>
  <body>
    <h3>Hibernate Configuration Example</h3>

    <p>Hibernate Session opened.</p>
    <p>Hibernate Session closed</p>

    <br /><br />
    <h3>Hibernate Query Demo</h3>

    <a href="query-demo">Query Here and get the data</a><br /
>
  </body>
</html>
```

### **Hibernateinit.java**

```
package Abc;

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.java**

```

package Abc;

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(
            );

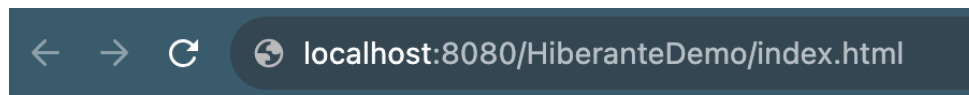
            sessionFactory =
            metaData.getSessionFactoryBuilder().build();

        } catch (Throwable th) {
            throw new ExceptionInInitializerError(th);
        }
    }
}

```

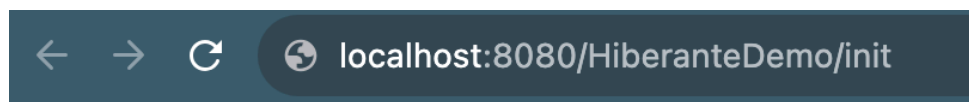
```
    }  
}  
  
public static SessionFactory getSessionFactory() {  
    return sessionFactory;  
}  
  
}
```

Output :-



## Hibernate Configuration Example

[Initialize Hibernate](#)



Hibernate Session opened.

Hibernate Session closed