Source Code:

AddPrompt.java

```java
package com.javaProgram.hibernate;

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;

/**
 * Servlet implementation class AddPrompt
 */
@WebServlet("/AddPrompt")
public class AddPrompt extends HttpServlet {
        private static final long serialVersionUID = 1L;

        /**
```

```java
 * @see HttpServlet#HttpServlet()
 */
public AddPrompt() {
    super();
    // TODO Auto-generated constructor stub
}


/**
 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
 */
protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
    PrintWriter out = response.getWriter();
    out.println("<html><body>");
    out.println("<center>Your product has been added to database.</center></br>");
    out.println("<center><html><body></center></br>");
    out.println("<center><a href=\"index.html\">Back to Add Products</a></center></br>");
    out.println("</body></html>");
}
/**
```

```java
     * @see HttpServlet#doPost(HttpServletRequest request,
HttpServletResponse response)

     */

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

            // TODO Auto-generated method stub

            doGet(request, response);

    }

}
```

Product.java:

```java
package com.javaProgram.hibernate;


public class Product {

    private String ProductId;

    private String ProductName;

    private String ProductPrice;


    public Product(String id, String name, String price) {

        super();

        this.ProductId = id;

        this.ProductName = name;

        this.ProductPrice = price;


    }
```

```java
public String getid() {

    return ProductId;

}


public void setid(String id) {

    this.ProductId = id;

}


public String getname() {

    return ProductName;

}


public void setname(String name) {

    this.ProductName = name;

}


public String getprice() {

    return ProductPrice;

}


public void setprice(String price) {

    this.ProductPrice = price;

}
```

}

ProductDAo.java:

```java
package com.javaProgram.hibernate;


import org.hibernate.HibernateException;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import org.hibernate.cfg.Configuration;


import com.javaProgram.hibernate.Product;


public class ProductDAo {


    public void addProduct(String id, String name, String price) {

        try {

            Configuration configuration = new Configuration();

            SessionFactory sessionFactory =
configuration.configure("hibernate.cfg.xml").buildSessionFactory();

            Session session = sessionFactory.openSession();

            Transaction transaction = session.beginTransaction();
```

```java
                    Product p = new Product(id, name, price);

                    p.setid(id);

                    p.setname(name);

                    p.setprice(price);

                    session.save(p);

                    transaction.commit();

                    session.close();

            } catch(HibernateException e) {

                    System.out.println(e.getMessage());

                    System.out.println("error");

            }

        }

}
```

HibernateUtil.java:

```java
package com.javaProgram.hibernate;



import java.util.List;



import org.hibernate.Session;

import org.hibernate.SessionFactory;
```

```java
import org.hibernate.boot.registry.StandardServiceRegistry;

import org.hibernate.boot.registry.StandardServiceRegistryBuilder;

import org.hibernate.cfg.Configuration;

import org.hibernate.metamodel.Metadata;

import org.hibernate.metamodel.MetadataSources;


import com.javaProgram.hibernate.Product;



public class HibernateUtil {


    private static SessionFactory sessionFactory;

    public static void main(String[] args) {


            try {

                    StandardServiceRegistry standardRegistry = new
StandardServiceRegistryBuilder()

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

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

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

```java
            } catch (Throwable th) {

                        throw new ExceptionInInitializerError(th);

            }

    }


    public static SessionFactory getSessionFactory() {

                return sessionFactory;

    }

}
```

ProductSerlet.java

```java
package com.javaProgram.hibernate;


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 javax.servlet.http.HttpSession;
```

```java
import com.javaProgram.hibernate.ProductDAo;

/**
 * Servlet implementation class ProductServlet
 */
@WebServlet("/ProductServlet")
public class ProductServlet extends HttpServlet {
	private static final long serialVersionUID = 1L;

	/**
	 * @see HttpServlet#HttpServlet()
	 */
	public ProductServlet() {
		super();
		// TODO Auto-generated constructor stub
	}

	/**
	 * @see HttpServlet#doGet(HttpServletRequest request,
HttpServletResponse response)
	 */
	protected void doGet(HttpServletRequest request, HttpServletResponse
```

```java
response) throws ServletException, IOException {

        PrintWriter out = response.getWriter();

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

        out.println("<b>Adding Product</b> " + request.getParameter("name")
+ "<br>");

        out.println("<a href='index.html'>Return to Main</a><br>");

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


        String id = request.getParameter("id");

          String name = request.getParameter("name");

          String price = request.getParameter("price");


          HttpSession session = request.getSession(true);

          try {

                ProductDAo ProductDAO = new ProductDAo();

                ProductDAO.addProduct(id,name, price);

                response.sendRedirect("Success");

        } catch(Exception e) {

                System.err.println("doGet");

                e.printStackTrace();

        }
```

```java
        }

        /**

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

         */

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

                // TODO Auto-generated method stub

                doGet(request, response);



}

}
```

addproduct.jsp:

```jsp
<!-- A jsp to insert record through hibernate -->

<%@ page
import="com.javaProgram.hibernate.*,org.hibernate.*,org.hibernate.cfg.
*" %>

<%!

int id;int price;String name; Session session1 = null;

%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

    pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>
```

```html
<html>
<head>
<meta charset="ISO-8859-1">
<title>Add Product</title>
</head>
<body>

 <form action="ProductServlet" method="get" >
        <label for="id">id:</label><br> <input type="text" id="id"
            name="id"><br>


        <label for="name">Name:</label><br> <input type="text"
id="name"
            name="name"><br>

         <label for="price">Price:</label><br> <input type="number"
id="price"
            name="price"><br>

        <br> <input type="submit" value="Submit"
            onclick="addproduct_onclick()">
    </form>


    <p style="text-align: center">
        <a href="index.html">Back to Home Page</a>
    </p>
```

```html
</body>

</html>
```

index.html

```html
<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

    <h2>Welcome to eCommerce Website</h2>

    <h2>Add Product</h2>

<a href="AddPrompt">List Products</a> <br>

<a href="./addproduct.jsp">Add New Product</a><br>

</body>

</html>
```

product.hbm.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE hibernate-configuration SYSTEM
"http://www.hibernate.org/dtd/hibernate-configuration-3.0.dtd PUBLIC
//Hibernate/Hibernate Configuration DTD 3.0//EN">


<!-- Generated Nov 12, 2016 12:24:29 PM by Hibernate Tools 3.4.0.CR1 -->
```

```xml
-<hibernate-mapping>

-<class table="Product" name="product">

-<id name="product_id" type="int">

<column name="ProductId"/>

<generator class="assigned"/>

</id>

-<property name="product_name" type="java.lang.String">

<column name="ProductName"/>

</property>

-<property name="product_price" type="int">

<column name="ProductPrice"/>

</property>

</class>

</hibernate-mapping>
```