Source Code

ProductServlet.java

**package** com.demo;

**import** java.io.IOError;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** org.hibernate.Session;

**import** org.hibernate.SessionFactory;

**import** org.hibernate.cfg.Configuration;

**public** **class** AddProductServlet **extends** HttpServlet {

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOError {

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

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

**double** price = Double.*parseDouble*(request.getParameter("price"));

// Validate data

**if** (name.isEmpty() || description.isEmpty()) {

// Handle validation errors

}

// Create product object

Product product = **new** Product();

product.setName(name);

product.setDescription(description);

product.setPrice(price);

// Add product using Hibernate

SessionFactory sessionFactory = **new** Configuration().configure().buildSessionFactory();

Session session = sessionFactory.openSession();

session.beginTransaction();

session.save(product);

session.getTransaction().commit();

session.close();

// Redirect or show success message

}

}

<form action=*"AddProductServlet"* method=*"post"*>

Name: <input type=*"text"* name=*"name"* required><br>

Description: <textarea name=*"description"*></textarea><br>

Price: <input type=*"text"* name=*"price"* required><br>

<input type=*"submit"* value=*"Add Product"*>

</form>

**package** com.demo;

**public** **class** Product {

**private** **int** id;

**private** String name;

**private** String description;

**private** **double** price;

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getDescription() {

**return** description;

}

**public** **void** setDescription(String description) {

**this**.description = description;

}

**public** **double** getPrice() {

**return** price;

}

**public** **void** setPrice(**double** price) {

**this**.price = price;

}

**public** Product(**int** id, String name, String description, **double** price) {

**super**();

**this**.id = id;

**this**.name = name;

**this**.description = description;

**this**.price = price;

}

**public** Product() {

**super**();

// **TODO** Auto-generated constructor stub

}

}

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

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*

xmlns=*"http://java.sun.com/xml/ns/javaee"*

xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"*

version=*"3.0"*>

<servlet>

<servlet-name>AddProductServlet</servlet-name>

<servlet-class>com.yourpackage.AddProductServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>AddProductServlet</servlet-name>

<url-pattern>/add-product</url-pattern>

</servlet-mapping>

</web-app>