Source Code

**package** com;

**public class** Product {

**private int** id;

**private** String name;

**private** String description;

**private double** price;

// Constructor

**public** Product(**int** id, String name, String description, **double**

price) {

**this**.id = id;

**this**.name = name;

**this**.description = description;

**this**.price = price;

}

// Getters and Setters method

**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;

}

}

**ProductServlet.java**

**package** com;

**import** java.io.IOException;

**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;

// @WebServlet("/productDetails")

**public class** ProductServlet **extends** HttpServlet {

**protected void** doPost(HttpServletRequest request,

HttpServletResponse response) **throws** ServletException, IOException {

// Get the form data

**int** productId =

Integer.*parseInt*(request.getParameter("productId"));

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

String productDescription =

request.getParameter("productDescription");

**double** productPrice =

Double.*parseDouble*(request.getParameter("productPrice"));

// Create a new Product object

Product product = **new** Product(productId, productName,

productDescription, productPrice);

// Store the product in the session

HttpSession session = request.getSession();

session.setAttribute("product", product);

// Redirect to the product display page

response.sendRedirect("productDisplay.jsp");

}

}

**Product Details . jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<title>Add Product Details</title>

</head>

<body>

<h1>Add Product Details</h1>

<form action=*"productDisplay.jsp"* method=*"post"*>

<label for=*"productId"*>Product ID:</label>

<input type=*"text"* id=*"productId"* name=*"productId"*

required><br><br>

<label for=*"productName"*>Product Name:</label>

<input type=*"text"* id=*"productName"* name=*"productName"*

required><br><br>

<label for=*"productDescription"*>Product Description:</label>

<textarea type=*"text"* id=*"productDescription"*

name=*"productDescription"* rows=*"2"* cols=*"20"*

required></textarea><br><br>

<label for=*"productPrice"*>Product Price:</label>

<input type=*"text"* id=*"productPrice"* name=*"productPrice"*

required><br><br>

<input type=*"submit"* value=*"Submit"*>

</form>

</body>

</html>

**Product Display. jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<title>Product Display</title>

</head>

<body>

<h1>Product Display</h1>

<%-- Get the form data --%>

<%

**int** productId =

Integer.parseInt(request.getParameter("productId"));

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

String productDescription =

request.getParameter("productDescription");

**double** productPrice =

Double.parseDouble(request.getParameter("productPrice"));

%>

<p>Product ID: <%= productId %></p>

<p>Product Name: <%= productName %></p>

<p>Product Description: <%= productDescription %></p>

<p>Product Price: <%= productPrice %></p>

</body>

</html>

**web.xml**

<?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\_2\_5.xsd"* id=*"WebApp\_ID"*

version=*"2.5"*>

<display-name>Practice Project 2.4</display-name> <welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.jsp</welcome-file>

<welcome-file>default.htm</welcome-file>

</welcome-file-list>

<servlet>

<description></description>

<display-name>ProductServlet</display-name>

<servlet-name>ProductServlet</servlet-name>

<servlet-class>com.ProductServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>ProductServlet</servlet-name>

<url-pattern>/productDetails</url-pattern>

</servlet-mapping>

</web-app>