**Phase 2:Practice Project:Assissted Practice: 4**

**4. Write a program to demonstrate the use of JSP action tags.**

**Source Code:**

**Ass4index.jsp:**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>JSP Action Tags</title>

</head>

<body>

Usage of useBean tag<br>

<jsp:useBean id=*"productBean"* class=*"com.ProductBean"*

scope=*"session"*></jsp:useBean>

<jsp:setProperty property=*"productId"* name=*"productBean"*

value=*"18791"*/>

<jsp:setProperty property=*"productName"*name=*"productBean"*

value=*"Optical Wireless Mouse"*/>

<jsp:setProperty property=*"price"* name=*"productBean"* value=*"600.00"*/>

<a href=*"showbean.jsp"*>Access bean properties from another page</a><br>

<a href=*"ass4forward.jsp"*>Use Forward action to go to Google</a><br>

<hr>

<jsp:text>

<![CDATA[This is my content.<br/>This will show within a text action

tag exactly as it has been entered]]>

</jsp:text>

</body>

</html>

**Ass4forward.jsp:**

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

pageEncoding=*"UTF-8"*%>

<jsp:forward page=*"ass4forwarded.jsp"*></jsp:forward>

**Ass4forwarded.jsp:**

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

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Forward Test</title>

</head>

<body>

This page came from forward.jsp by using jsp:forward action tag

</body>

</html>

**Ass4ProductBeans.java:**

**package** com;

**import** java.io.Serializable;

**public class** ProductBean **implements** Serializable {

**private** String productId;

**private** String productName;

**private double** price;

**public void** setProductId(String value) {

**this**.productId = value;

}

**Public void** setProductName(String value) {

**this**.productName = value;

}

**Public void** setPrice(**double** value) {

**this**.price = value;

}

**public** String getProductId() {

**return this**.productId;

}

**public** String getProductName() {

**return this**.productName;

}

**Public double** getPrice() {

**Return this**.price;

}

}

**Output:**

