**Practical 5**

**Aim:**

**5.13:JSP JSTL Functions.**Write individual programs to demonstrate the use of following action tags. <jsp:forward>, <jsp:include>, <jsp:usebean>

**Program code:**

**Usebeans.java**

package action**;**

publicclassusebean**{**

private String message **=**"No message specified"**;**

public String getMessage**(){**

**return(**message**);**

**}**

publicvoidsetMessage**(**String message**){**

**this.**message**=** message**;**

**}**

**}**

**Usebeans.jsp**

<html>

<head>

<title>**Using JavaBeans in JSP**</title>

</head>

<body>

<center>

<h2>**Using JavaBeans in JSP**</h2>

<h3>**Enrollment no:130050131023**</h3>

<jsp:useBean id="test" class="action.usebean" />

<jsp:setProperty name="test"

property="message"

value="Hello JSP..." />

<p>**Got message....**</p>

<jsp:getProperty name="test" property="message" />

</center>

</body>

</html>

**Forward1.jsp**

**<%@**page contentType="text/html" pageEncoding="UTF-8"**%>**

<!DOCTYPE html>

<html>

<head>

<metahttp-equiv=**"Content-Type"**content=**"text/html; charset=UTF-8"**>

<title>**JSP Page**</title>

</head>

<body>

<h3>**Enrollment no:130050131023**</h3>

<p>

**Today's date: <%=** (**new**java.util.Date()).toString()**%>**

</p>

</body>

</html>

**Forward2.jsp**

<html>

<head>

<title>**The include Action Example**</title>

</head>

<body>

<center>

<h2>**The include action Example**</h2>

<jsp:forward page="JspDate.jsp" />

</center>

</body>

</html>

**Include.jsp**

**<%@**page contentType="text/html" pageEncoding="UTF-8"**%>**

<!DOCTYPE html>

<html>

<head>

<metahttp-equiv=**"Content-Type"**content=**"text/html; charset=UTF-8"**>

<title>**JSP Page**</title>

</head>

<body>

<h3>**Enrollment no:130050131023**</h3>

<p>

**Today's date: <%=** (**new**java.util.Date()).toString()**%>**

</p>

</body>

</html>

**Include2.jsp**

<html>

<head>

<title>**The include Action Example**</title>

</head>

<body>

<center>

<h2>**The include action Example**</h2>

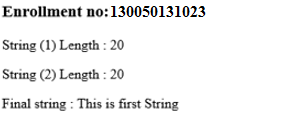
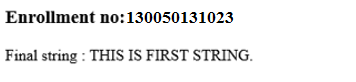
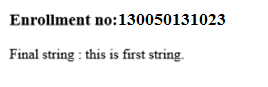
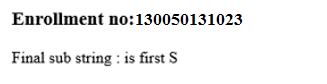
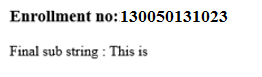
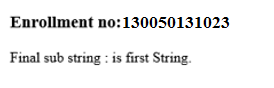
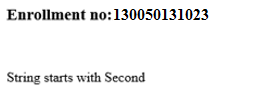
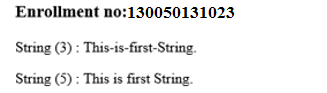
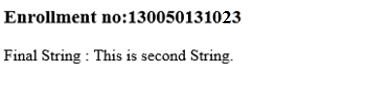
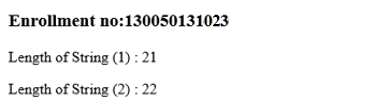
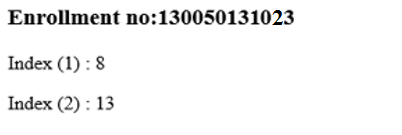
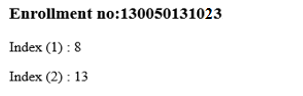
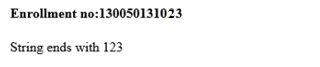
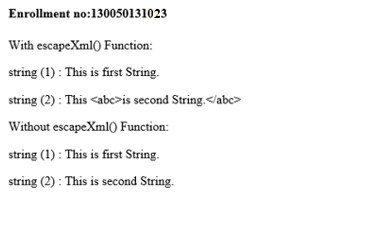
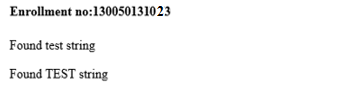
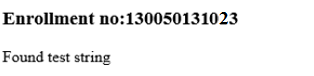
<jsp:include page="JspDate.jsp" flush="true" />

</center>

</body>

</html>

**Output:**

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