**Practical 5**

**Aim:**

**5.9: JSP JSTL Core Tags write one program per tag. (short programs)  
  
<c:catch>, <c:choose>, <c:foreach>, <c:fortokens>, <c:if>, <c:import>, <c:out>, <c:param>, <c:redirect>, <c:remove>, <c:set>, <c:url>.**

**Program code:**

**fortokens.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing forToken Core Tag</h4>

<c:forTokens items="Apple,Mango,Cherry" delims="," var="name">

<c:out value="${name}"/><p>

</c:forTokens>

</body>

**</html>**

**ForEach.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing for each Core Tag</h4>

<c:forEach var="i" begin="0" end="10">

Output: <c:out value="${i}"/><p>

</c:forEach>

</body>

</html>

**Choose.jsp**

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

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing Choose Core Tag</h4>

<c:set var="NoOfDays" scope="session"/>

<c:choose>

<c:when test="${NoOfDays == 366}">

Year is leap year.

</c:when>

<c:when test="${NoOfDays==365}">

Year is not a leap year.

</c:when>

</c:choose>

</body>

</html>

**Catch.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing Catch Core Tag</h4>

<c:catch var ="catchException">

<% int i = 10/0;%>

</c:catch>

<c:if test = "${catchException != null}">

<p>The exception is : ${catchException} <br />

There is an exception: ${catchException.message}</p>

</c:if>

</body>

</html>

**URL.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing URL Core Tag</h4>

<a href="<c:url value="Out9.jsp"/>">Click Here</a>

</body>

</html>

**Set.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing Set Core Tag</h4>

<c:set var="salary" scope="session" value="${2000\*2}"/>

<c:out value="${salary}"/>

</body>

</html>

**Remove.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing Remove Core Tag</h4>

<c:set var="Fruit" scope="session" value="${'Apple'}" />

<p>Before Remove Value: <c:out value="${Fruit}" /></p>

<c:remove var="Fruit" />

<p>After Remove Value: <c:out value="${Fruit}" /></p>

</body>

</html>

**Redirect.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing Redirect Core Tag</h4>

<c:redirect url="http://google.com"/>

</body>

</html>

**Param.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing Param Core Tag</h4>

<c:url value="ForEach9.jsp" var="myURL">

<c:param name="userId" value="1234" />

<c:param name="passwd" value="tcs@123" />

</c:url>

<c:import url="${myURL}" />

</body>

</html>

**Out.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<c:out value="Testing Out Core Tag"/>

</body>

</html>

**Import.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing Import Core Tag</h4>

<c:import var="data" url="Catch9.jsp"/>

<c:out value="${data}"/>

</body>

</html>

**ifTokens.jsp**

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

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

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

<title>JSP Page</title>

</head>

<body>

<h4>Enrollment No:130050131544</h4>

<h4>Testing IF TOKEN Core Tag</h4>

<c:set var="salary" scope="session" value="${2000\*2}"/>

<c:if test="${salary > 2000}">

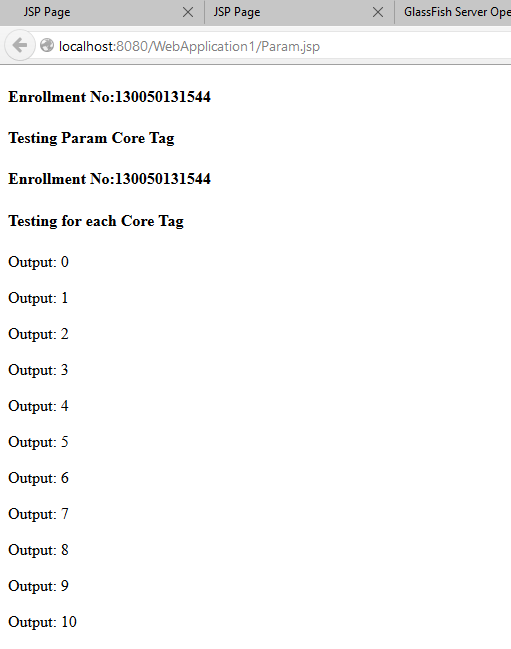
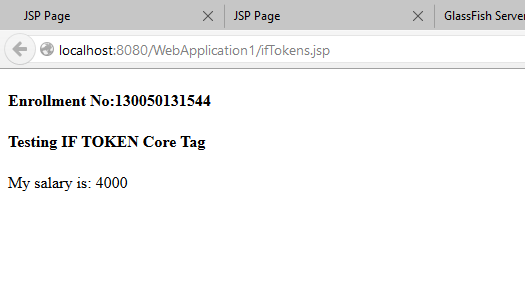
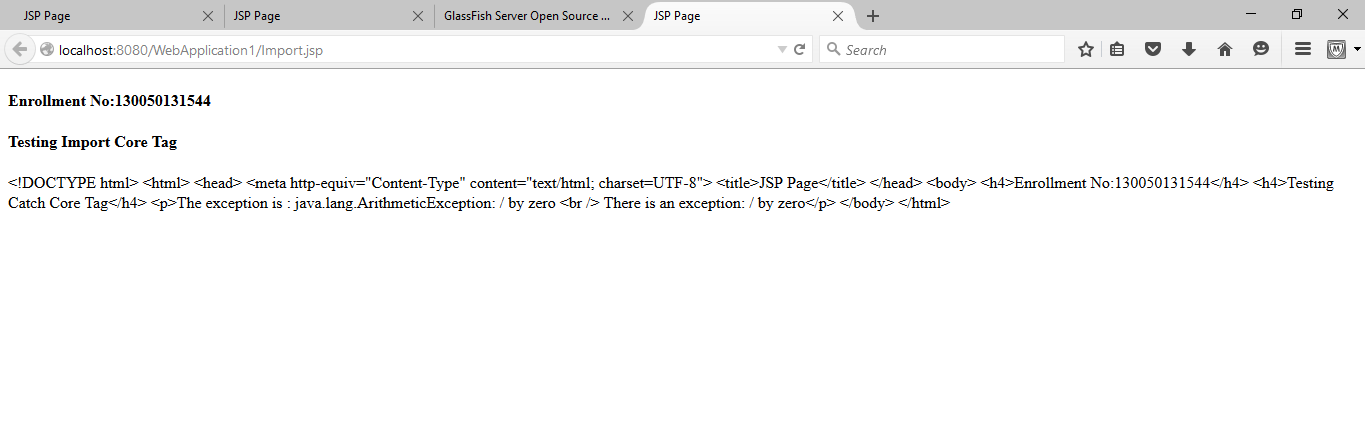
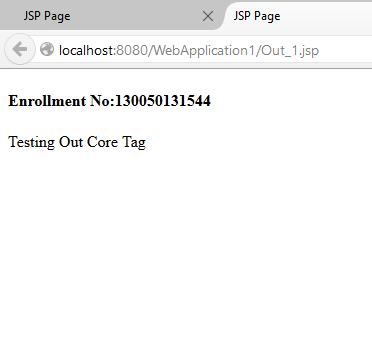
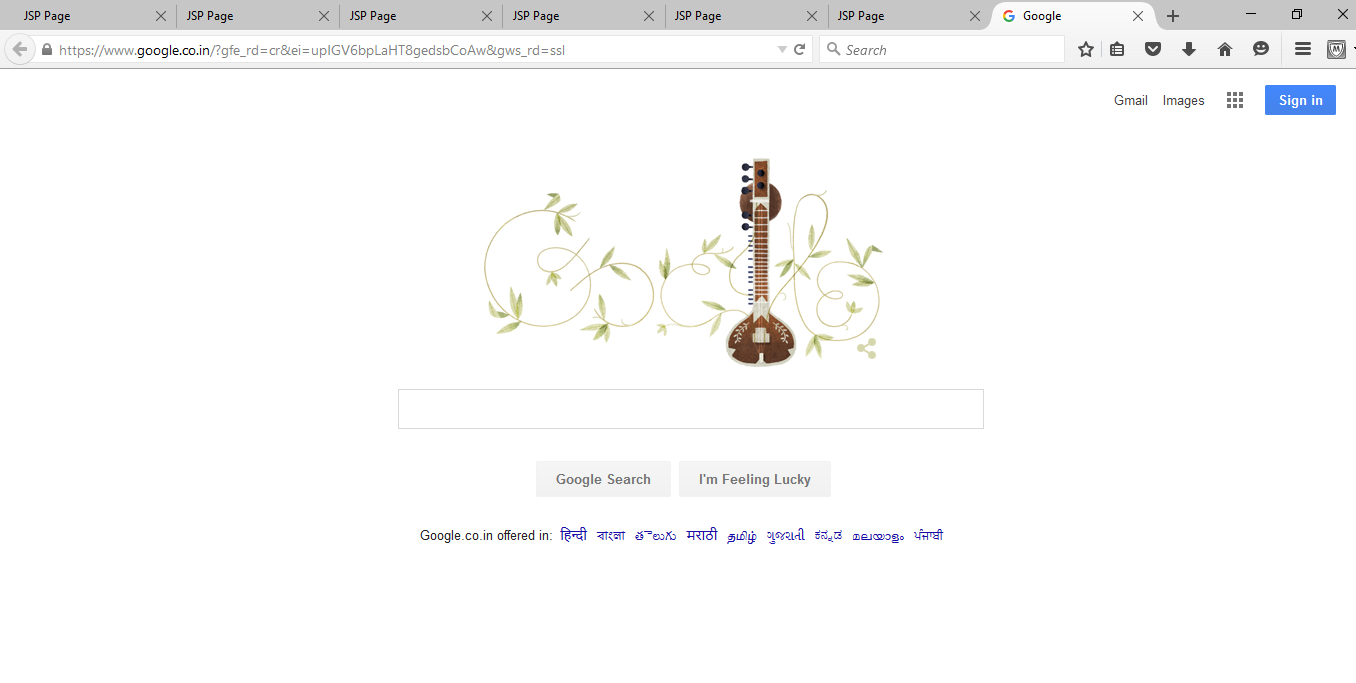
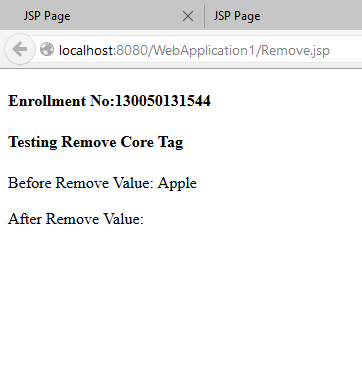
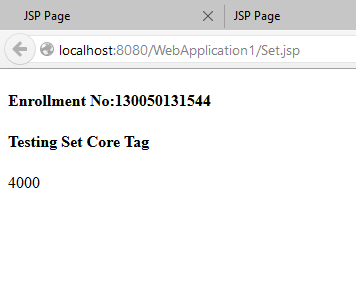
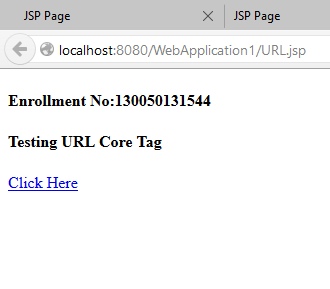
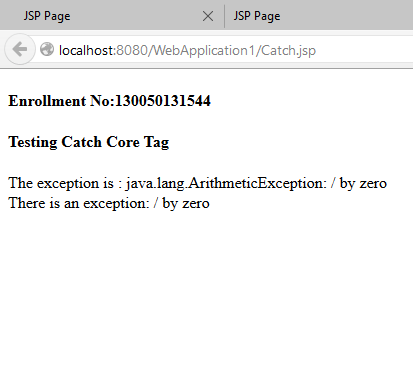
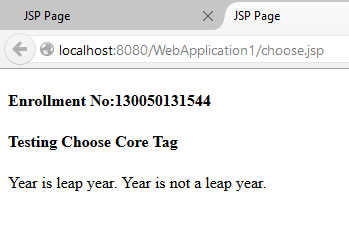
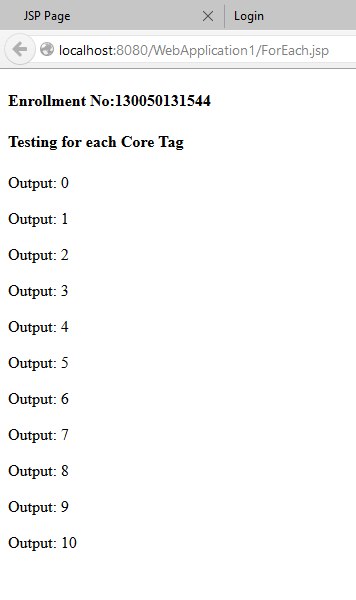
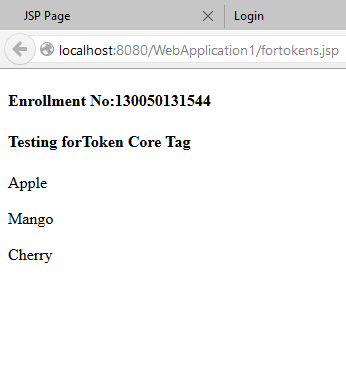
<p>My salary is: <c:out value="${salary}"/><p>

</c:if>

</body>

</html>

**Output:**

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