

Program No:	3
Roll No :	1525
Title of Program :	Jstl
Objective :	Jstl order

Source code:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
    <%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
    <%@ taglib prefix="sql" uri="http://java.sun.com/jsp/jstl/sql" %>
    <%@ taglib prefix="fmt" uri="http://java.sun.com/jsp/jstl/fmt" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<title>Insert title here</title>
</head>
<body>
<sql:setDataSource var = "myDs" driver="org.postgresql.Driver" url =
"jdbc:postgresql://localhost:5432/postgres" user="postgres" password="password" />
<sql:query var="rs" dataSource="${myDs}"> Select * from movies</sql:query>

<table border="1">
    <thead>
        <tr>
            <th>MID</th>
            <th> TITLE</th>
            <th>DIRECTOR</th>
            <th>DURATION</th>
        </tr>
    </thead>
    <c:forEach var="row" items="${rs.rows}">
        <tr>
            <td><c:out value="${row.mid}"></c:out> </td>
            <td><c:out value="${row.mname}"></c:out> </td>
```

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        <td><c:out value="${row.pwd}"></c:out> </td>
        <td><c:out value="${row.director}"></c:out> </td>
        <td><c:out value="${row.duration}"></c:out> </td>
      </tr>
    </c:forEach>
  </table>
</body>
</html>

```

InsertMovies.jsp

```

<?xml version="1.0" encoding="ISO-8859-1" ?>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix = "c" uri = "http://java.sun.com/jsp/jstl/core" %>
<%@ taglib prefix = "sql" uri = "http://java.sun.com/jsp/jstl/sql" %>
<%@ taglib uri="http://java.sun.com/jsp/jstl/fmt" prefix="fmt" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<title>Insert a Movie</title>
</head>
<body>
<h1>Insert into Movies Table</h1>
<form action="AddMovies.jsp">
<table>
<tr>
<td>Movie Id: </td><td><input type="text" name="mid"/></td>
</tr>
<tr>
<td>Movie Name: </td><td><input type="text" name="mname"/></td>
</tr>
<tr>
<td>Movie Director: </td><td><input type="text" name="director"/></td>

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</tr>
<tr>
<td>Movie Duration: </td><td><input type="text" name="duration"/></td>
</tr>
<tr>
<td><input type="submit" name="sub" value="Insert"/></td>
</tr>
</table>
</form>

</body>
</html>

```

Add Movies:

```

<?xml version="1.0" encoding="ISO-8859-1" ?>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix = "c" uri = "http://java.sun.com/jsp/jstl/core" %>
<%@ taglib prefix = "sql" uri = "http://java.sun.com/jsp/jstl/sql" %>
<%@ taglib uri="http://java.sun.com/jsp/jstl/fmt" prefix="fmt" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<title>Results Page</title>
</head>
<body>
<!-- Convert String to Integer-->
<fmt:parseNumber var="intmid" value="${param.mid}"></fmt:parseNumber>
<fmt:parseNumber var="intdur" value="${param.duration}"></fmt:parseNumber>

<!-- Set Data Source -->
<sql:setDataSource var="myDs" driver="org.postgresql.Driver"
url="jdbc:postgresql://localhost:5432/postgres" user="postgres" password="password" />

<!-- Pass the Query -->
<sql:update var="rowCnt" dataSource="${myDs}">
    insert into movies(mid, pwd, director, duration) values (?, ?, ?, ?);
    <sql:param value="${intmid}" />
    <sql:param value="${param.mname}" />

```

```

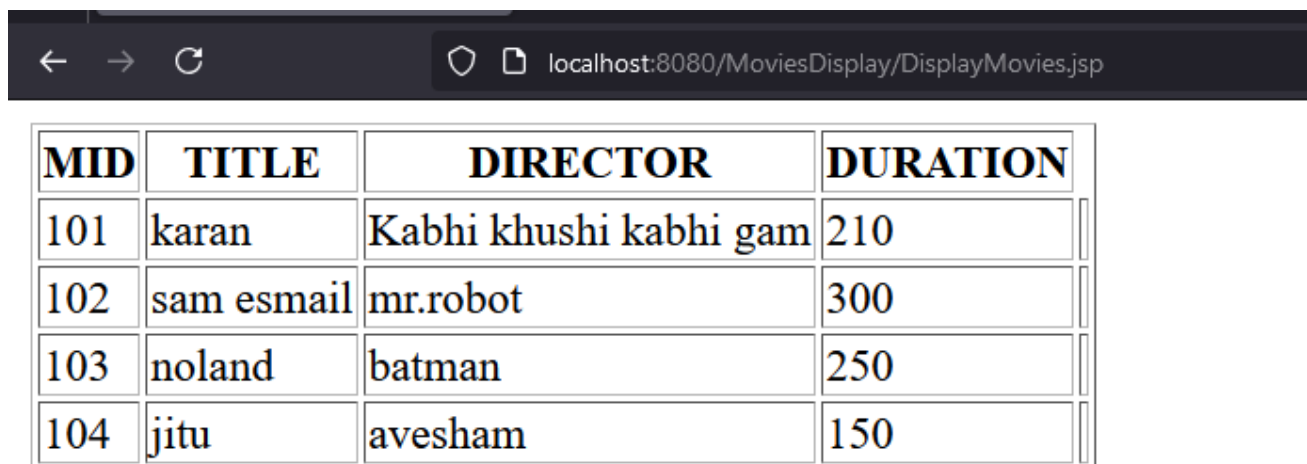
    <sql:param value="${param.director}" />
    <sql:param value="${intdur}" />
</sql:update>

<!-- Success Message -->
<p>Movie inserted successfully!</p>
<a href = "IndertMovie.jsp">Add Another Movie</a>

</body>
</html>

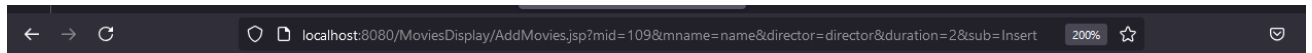
```

OUTPUT:



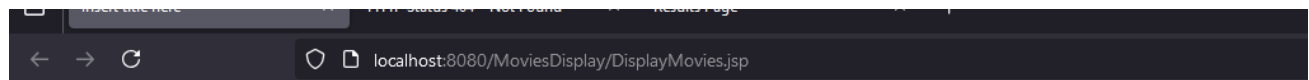
The screenshot shows a web browser window with the address bar displaying 'localhost:8080/MoviesDisplay/DisplayMovies.jsp'. Below the browser window, a table is displayed with the following data:

MID	TITLE	DIRECTOR	DURATION
101	karan	Kabhi khushi kabhi gam	210
102	sam esmail	mr.robot	300
103	noland	batman	250
104	jitu	avesham	150



Movie inserted successfully!

[Add Another Movie](#)



MID	TITLE	DIRECTOR	DURATION	
101	karan	Kabhi khushi kabhi gam	210	
102	sam esmail	mr.robot	300	
103	noland	batman	250	
104	jitu	avesham	150	
109		name	director	2
110		bahubali	ss raja	3