



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

Source code:

DisplayMovies.jsp

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"</pre>
   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"</pre>
"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 =</pre>
"jdbc:postgresql://localhost:5432/postgres" user="postgres" password="password" />
<sql:query var="rs" dataSource="${myDs}"> Select * from movies</sql:query>
<thead>
                         MID
                          TITLE
                         DIRECTOR
                         DURATION
            </thead>
      <c:forEach var="row" items="${rs.rows}">
            <c:out value="${row.mid}"></c:out>
```



```
InsertMovies.jsp
```

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"</pre>
   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"</pre>
"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">
Movie Id: <input type="text" name="mid"/>
Movie Name: <input type="text" name="mname"/>
Movie Director: <input type="text" name="director"/>
```



```
Movie Duration: <input type="text" name="duration"/>
<input type="submit" name="sub" value="Insert"/>
</form>
</body>
</html>
Add Movies:
<?xml version="1.0" encoding="ISO-8859-1" ?>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"</pre>
   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"</pre>
"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"</pre>
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 -->
Movie inserted successfully!
<a href ="IndertMovie.jsp">Add Another Movie</a>
</body>
</html>
POSTGRES query:
CREATE TABLE movies (
  mid INT PRIMARY KEY,
                               -- Movie ID (assumes it's unique and required)
  pwd VARCHAR(255),
                             -- Movie Name (assumes max length of 255 characters, can be adjusted)
  director VARCHAR(255),
                              -- Director Name (assumes max length of 255 characters)
  duration INT
                       -- Duration in minutes (integer value)
);
INSERT INTO movies (mid, pwd, director, duration)
VALUES
(1, 'Inception', 'Christopher Nolan', 148),
(2, 'The Matrix', 'The Wachowskis', 136),
(3, 'Interstellar', 'Christopher Nolan', 169),
(4, 'Parasite', 'Bong Joon-ho', 132),
(5, 'The Godfather', 'Francis Ford Coppola', 175);
```

OUTPUT:

	mid [PK] integer	pwd character varying (255)	director character varying (255)	duration integer
1	1	Inception	Christopher Nolan	148
2	2	The Matrix	The Wachowskis	136
3	3	Interstellar	Christopher Nolan	169
4	4	Parasite	Bong Joon-ho	132
5	5	The Godfather	Francis Ford Coppola	175



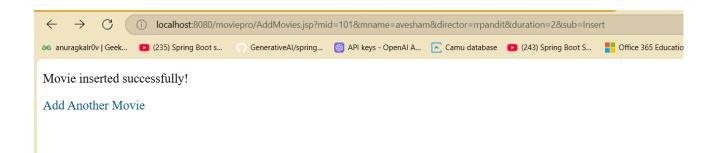
\leftarrow \rightarrow G (i localhost:8080/moviepro/InsertMovies.jsp		
⇒ anuragkalr0v Geek	(235) Spring Boot s	GenerativeAl/spring	S API keys - OpenAl A

Insert into Movies Table

Movie Id:	101
Movie Name:	avesham
Movie Director:	rrpandit
Movie Duration:	2

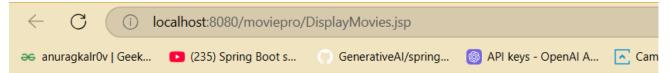
Insert





	mid [PK] integer	pwd character varying (255)	director character varying (255)	duration integer
1	1	Inception	Christopher Nolan	148
2	2	The Matrix	The Wachowskis	136
3	3	Interstellar	Christopher Nolan	169
4	4	Parasite	Bong Joon-ho	132
5	5	The Godfather	Francis Ford Coppola	175
6	101	avesham	rrpandit	2





MID	Movie Name	Director	Duration
1	Inception	Christopher Nolan	148
2	The Matrix	The Wachowskis	136
3	Interstellar	Christopher Nolan	169
4	Parasite	Bong Joon-ho	132
5	The Godfather	Francis Ford Coppola	175
101	avesham	rrpandit	2