Kyle Klausen

CSD-430

Assignment: Module 4

01/29/26

Code:

MovieBean.java

```java
/*
* Author: Kyle Klausen
* Dated: 01/29/26
* Assignment: Module 4.2
* Description: Created a movie chart that includes all necessary information. Added
Director and Rating.
*/


package mybeans;


import java.io.Serializable;


public class MovieBean implements Serializable {
    private String title;
    private String year;
    private String genre;
    private String director;
    private double rating;


    public MovieBean() {}
```

```java
    public String getTitle() { return title; }

    public void setTitle(String title) { this.title = title; }


    public String getYear() { return year; }

    public void setYear(String year) { this.year = year; }


    public String getGenre() { return genre; }

    public void setGenre(String genre) { this.genre = genre; }


    public String getDirector() { return director; }

    public void setDirector(String director) { this.director = director; }


    public double getRating() { return rating; }

    public void setRating(double rating) { this.rating = rating; }
}
```

Code – Style.css

```css
body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f9;
    color: #333;
    margin: 20px;
}


h1, h2 {
```

```css
        color: #2c3e50;

}


table {

    border-collapse: collapse;

    width: 80%;

    margin-top: 20px;

}


th, td {

    border: 1px solid #2c3e50;

    padding: 8px;

    text-align: left;

}


th {

    background-color: #34495e;

    color: white;

}


tr:nth-child(even) {

    background-color: #ecf0f1;

}
```

Code: Movies.JSP

```jsp
<%@ page import="mybeans.MovieBean" %>
```

```jsp
<%@ page contentType="text/html;charset=UTF-8" language="java" %>
<!DOCTYPE html>
<html>
<head>
    <title>My Favorite Movies</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
<h1>My Favorite Movies</h1>
<p>This page displays a list of movies I have enjoyed watching. The table below categorizes each movie by title, release year, genre, director, and rating.</p>

<%
    // Create array of MovieBean objects
    MovieBean[] movies = new MovieBean[5];

    // Populate each MovieBean with 5 fields
    movies[0] = new MovieBean();
    movies[0].setTitle("The Matrix");
    movies[0].setYear("1999");
    movies[0].setGenre("Sci-Fi");
    movies[0].setDirector("Lana & Lilly Wachowski");
    movies[0].setRating(8.7);

    movies[1] = new MovieBean();
    movies[1].setTitle("Inception");
```

```jsp
        movies[1].setYear("2010");

        movies[1].setGenre("Thriller");

        movies[1].setDirector("Christopher Nolan");

        movies[1].setRating(8.8);


        movies[2] = new MovieBean();

        movies[2].setTitle("The Lord of the Rings: The Fellowship of the Ring");

        movies[2].setYear("2001");

        movies[2].setGenre("Fantasy");

        movies[2].setDirector("Peter Jackson");

        movies[2].setRating(8.8);


        movies[3] = new MovieBean();

        movies[3].setTitle("Interstellar");

        movies[3].setYear("2014");

        movies[3].setGenre("Sci-Fi");

        movies[3].setDirector("Christopher Nolan");

        movies[3].setRating(8.6);


        movies[4] = new MovieBean();

        movies[4].setTitle("The Dark Knight");

        movies[4].setYear("2008");

        movies[4].setGenre("Action");

        movies[4].setDirector("Christopher Nolan");

        movies[4].setRating(9.0);
%>
```

```jsp
<table>
    <tr>
        <th>Title</th>
        <th>Year</th>
        <th>Genre</th>
        <th>Director</th>
        <th>Rating</th>
    </tr>
<%
    // Loop through the MovieBean array and display each movie
    for (int i = 0; i < movies.length; i++) {
%>
    <tr>
        <td><%= movies[i].getTitle() %></td>
        <td><%= movies[i].getYear() %></td>
        <td><%= movies[i].getGenre() %></td>
        <td><%= movies[i].getDirector() %></td>
        <td><%= movies[i].getRating() %></td>
    </tr>
<% } %>
</table>

</body>
</html>
```
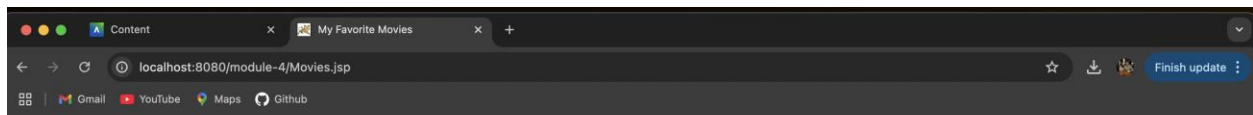
My Favorite Movies

This page displays a list of movies I have enjoyed watching. The table below categorizes each movie by title, release year, genre, director, and rating.

Title	Year	Genre	Director	Rating
The Matrix	1999	Sci-Fi	Lana & Lilly Wachowski	8.7
Inception	2010	Thriller	Christopher Nolan	8.8
The Lord of the Rings: The Fellowship of the Ring	2001	Fantasy	Peter Jackson	8.8
Interstellar	2014	Sci-Fi	Christopher Nolan	8.6
The Dark Knight	2008	Action	Christopher Nolan	9.0

EXPLORER

MovieBean.java .../classes/... | MovieBean.class | MovieBean.java ~/.../module4src/... 2 | Movies.jsp ✕

MODULE-4

Movies.jsp

WEB-INF
- classes / mybeans
  - MovieBean.class
- lib
- Movies.jsp
- style.css

```jsp
1   <%@ page import="mybeans.MovieBean" %>
2   <%@ page contentType="text/html;charset=UTF-8" language="java" %>
3   <!DOCTYPE html>
4   <html>
5   <head>
6       <title>My Favorite Movies</title>
7       <link rel="stylesheet" type="text/css" href="style.css">
8   </head>
9   <body>
10  <h1>My Favorite Movies</h1>
11  <p>This page displays a list of movies I have enjoyed watching. The table below
12  categorizes each movie by title, release year, genre, director, and rating.</p>
13
14  <%
15      // Create array of MovieBean objects
16      MovieBean[] movies = new MovieBean[5];
17
18      // Populate each MovieBean with 5 fields
19      movies[0] = new MovieBean();
20      movies[0].setTitle("The Matrix");
21      movies[0].setYear("1999");
22      movies[0].setGenre("Sci-Fi");
23      movies[0].setDirector("Lana & Lilly Wachowski");
24      movies[0].setRating(8.7);
```

PROBLEMS 2   OUTPUT   DEBUG CONSOLE   ···   Filter   Server: Tomcat 10.x

kyleklausen/apache-tomcat-10.1.50/webapps/ROOT] has finished in [8] ms
01-Feb-2026 23:48:33.378 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [/Users/
kyleklausen/apache-tomcat-10.1.50/webapps/MyJobApplicationJSP]
01-Feb-2026 23:48:33.386 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [/Users/
kyleklausen/apache-tomcat-10.1.50/webapps/MyJobApplicationJSP] has finished in [8] ms
01-Feb-2026 23:48:33.386 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [/Users/
kyleklausen/apache-tomcat-10.1.50/webapps/host-manager]
01-Feb-2026 23:48:33.396 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [/Users/
kyleklausen/apache-tomcat-10.1.50/webapps/host-manager] has finished in [10] ms
01-Feb-2026 23:48:33.398 INFO [main] org.apache.coyote.AbstractProtocol.start Starting ProtocolHandler ["http-nio-8080"]
01-Feb-2026 23:48:33.405 INFO [main] org.apache.catalina.startup.Catalina.start Server startup in [359] milliseconds

OUTLINE
TIMELINE
SERVERS
- Community Server Connector (Start...
  - Tomcat 10.x (Started) (Synchronized)

JAVA PROJECTS

⊗ 1 ⚠ 1 Java: Ready   Ln 79, Col 1 (2239 selected)   Spaces: 4   UTF-8   LF   {} HTML