

Kyle Klausen

CSD-430

Module 5

02/06/2026

SQL Code:

/*

Author: Kyle Klausen

Class: CSD-430

Date: 02/06/2026

Description: Table breakdown of favorite movies, director, date, and rating

*/

```
CREATE DATABASE CSD430;
```

```
USE CSD430;
```

```
CREATE TABLE kyle_movies_data (
    movie_id INT AUTO_INCREMENT PRIMARY KEY,
    title VARCHAR(100) NOT NULL,
    genre VARCHAR(50),
    director VARCHAR(100),
    release_year INT,
    rating DECIMAL(2,1)
);
```

```
INSERT INTO kyle_movies_data (title, genre, director, release_year, rating) VALUES
```

('Inception', 'Sci-Fi', 'Christopher Nolan', 2010, 8.8),
('The Matrix', 'Sci-Fi', 'Wachowski Sisters', 1999, 8.7),
('Interstellar', 'Sci-Fi', 'Christopher Nolan', 2014, 8.6),
('Gladiator', 'Action', 'Ridley Scott', 2000, 8.5),
('The Dark Knight', 'Action', 'Christopher Nolan', 2008, 9.0),
('Pulp Fiction', 'Crime', 'Quentin Tarantino', 1994, 8.9),
('Fight Club', 'Drama', 'David Fincher', 1999, 8.8),
('Forrest Gump', 'Drama', 'Robert Zemeckis', 1994, 8.8),
('The Shawshank Redemption', 'Drama', 'Frank Darabont', 1994, 9.3),
('The Godfather', 'Crime', 'Francis Ford Coppola', 1972, 9.2);

Screenshots:

JDBC, & JavaBeans

```

mysql> SELECT * FROM kyle_movies_data;
+-----+-----+-----+-----+-----+
| movie_id | title | genre | director | release_year | rating |
+-----+-----+-----+-----+-----+
| 1 | Inception | Sci-Fi | Christopher Nolan | 2010 | 8.8 |
| 2 | The Matrix | Sci-Fi | Wachowski Sisters | 1999 | 8.7 |
| 3 | Interstellar | Sci-Fi | Christopher Nolan | 2014 | 8.6 |
| 4 | Gladiator | Action | Ridley Scott | 2000 | 8.5 |
| 5 | The Dark Knight | Action | Christopher Nolan | 2008 | 9.0 |
| 6 | Pulp Fiction | Crime | Quentin Tarantino | 1994 | 8.9 |
| 7 | Fight Club | Drama | David Fincher | 1999 | 8.8 |
| 8 | Forrest Gump | Drama | Robert Zemeckis | 1994 | 8.8 |
| 9 | The Shawshank Redemption | Drama | Frank Darabont | 1994 | 9.3 |
| 10 | The Godfather | Crime | Francis Ford Coppola | 1972 | 9.2 |
+-----+-----+-----+-----+-----+
10 rows in set (0.001 sec)

Please enter your command: mysql>

```

The first step of this project will be to create your database using MySQL. The database will be titled CSD430. Then you will create and populate your table titled data with a minimum of 5 fields, one being a primary key. Insert a minimum of 10 records. For this assignment, you will submit screenshots displaying the completion of creating and populating the table, along with the records held in the table. Lastly include an SQL file with the code needed to create and populate the table.

Example table title: larry_movies_data

CRUD Create, Update, and Delete methods will be covered in future modules.

Select **one** of the following topics for this projects database:

- Library
- Movies
- States

For the database you will:

- Title the database CSD430.
- The username will be student1.
- The password will be 'pass'.
- The table name will be <studentfirstname>_movies_data.
- For each module you are to include an updated index.jsp to hold links to all module's CRUD deliverables.

Assignment Requirements and Grading:

- This assignment is due by **Sunday, 11:59 p.m., CST.**
- Add the necessary documentation as described in [Documentation Requirements](#).
- Submit your project file by clicking on the Assignment link above, then scroll down to the Upload Files section and click on Browse Local File. Select your assignment.

JDBC, & JavaBeans

```

mysql> CREATE DATABASE CSD430;
Query OK, 1 row affected (0.043 sec)

mysql> USE CSD430;
Database changed

mysql> CREATE TABLE kyle_movies_data (
    movie_id INT AUTO_INCREMENT PRIMARY KEY,
    title VARCHAR(100) NOT NULL,
    genre VARCHAR(50),
    director VARCHAR(100),
    release_year INT,
    rating DECIMAL(2,1)
);
Query OK, 0 rows affected (0.035 sec)

Please enter your command: mysql>

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