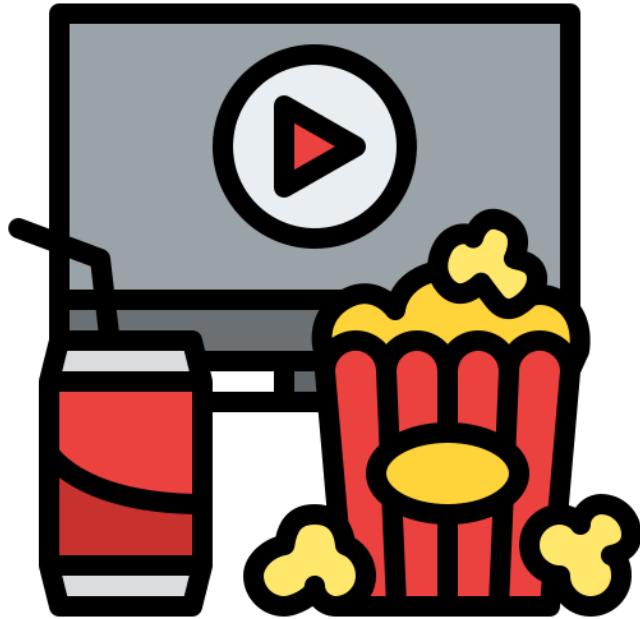


# Movie Rating App



You are a Java developer that is being tasked with creating a Java **console application** for a company that collects data on movie ratings.

They want you to set up an application that allows users for the application to **rate films and display the average rating** for those films. You will be given a 1 week time frame to create this project.

## Requirements

- Users can **register for an account**
  - Ask for email and password
  - Confirm the password
  - Use a **regex pattern to validate the email** format
- Users should be able to **login** afterwards
- View the **list of movies with their rating and the number of ratings**
- When rating a film, users will give a **score between 0 - 5**
- Data collected from the users and ratings can be **stored in memory or in a file**
- **Bonus:** Use JDBC and DAO to store data within a MySQL database
- **Bonus:** Add the ability to leave a rating as a guest user
- **Bonus:** Allow users to see all the ratings they have given to films
- **Bonus:** Allow users to edit or delete ratings for a film

- **Bonus**: Have admin users that can add more films or edit the name of a film
- **Bonus**: Have the ability to favorite a film and add it to a favorites list

## Menu Examples

### Main Menu:

```
+=====+
|  1. REGISTER                               |
|  2. LOGIN                                 |
|  3. VIEW MOVIES                           |
|  4. EXIT                                  |
+=====+
```

Once logged in, user menu will look like this:

```
+=====+
|  Movie                Avg. Rating    # of Ratings |
|  1. Jaws                4.5             2             |
|  2. The Force Awakens   N/A             0             |
|  3. Black Panther       4.9            17             |
|  4. EXIT                |
+=====+
```

### Rating Menu:

```
+=====+
|  Movie: Jaws                               |
|                                           |
|  Rating:                                   |
|  0. Really Bad                               |
|  1. Bad                                       |
|  2. Not Good                                |
|  3. Okay                                    |
|  4. Good                                    |
|  5. Great                                   |
|                                           |
|  6. EXIT                                    |
+=====+
```

## Due Date

You have **1 week** to complete this project, after which you will present your project.