Step 1 - Download and setup

1. Create a new Console Application.
2. Download the two csv files.
3. Look at the "Read Csv" Link in the Plan and add two models, one for movies.csv and one for ratings.csv.
4. Read the CSVs into two collections using the CsvHelper library

Task 2 - Merge the databases

Use the LINQ Join operation to merge both movies and ratings into a single movie_ratings collection.

Task 3 - Find the 100 highest rated movies

1. Use group by and average to find the average userrating for each movie
2. Use sort and take to get the 100 highest rated movies
3. You might notice that the resulting list is not what you would expect. Most movies are not very well known. Try to fix it. Hint: Count
4. Turn the Genres string feature into a list of strings and calculate the percentage of the occurence of each genre in the 100 highest rated movies.

Task 4 - Visualization

1. Create a new Avalonia App
2. Add Livecharts library and create a default Bar Chart
3. Use code from the Console application to write a class that loads generic CSV files and a class that runs the query to get the highest rated movies