KEEP IN MIND

To run this code you need to have mySQL installed onto your machine. Make sure that you have access to login into the database on your machine, otherwise you will not allow the code to make necessary changes.

HOW TO RUN

When the code is initially compiled it takes a few seconds to allow the user to make any actual input. The reason for this is the compiler needs to the connect to the SQL database on the machine. Once a connection has been made, the java IDE then sends statements to the SQL databases to create the database, and tables, it's also populate the tables with csv files. Once all that is done then the user can press the “1” key to search for a movie. If a movie does not exists the user will be prompted with the message “Movie does not exist”. If the movie does exist then 5 movie recommendations will be printed based on certain criteria such as Director, Actors, genres, keywords, and rating. After movies are printed out the user can press the “1” to search for another movie or press “0” to opt out.

Star Wars  
Movie Found  
The Empire Strikes Back  
Return of the Jedi  
Star Wars: Episode III - Revenge of the Sith  
Star Wars: Episode II - Attack of the Clones  
The Elephant Man

Iron Man

Movie Found

Iron Man 2

Iron Man 3

Avengers: Age of Ultron

Ant-Man

Captain America: Civil War

Ant-Man

Movie Found

Captain America: Civil War

Avengers: Age of Ultron

Iron Man 2

Battle: Los Angeles

The Hunger Games: Mockingjay - Part 2

The Avengers

Movie Found

Avengers: Age of Ultron

Captain America: The Winter Soldier

Captain America: Civil War

Star Trek

The Amazing Spider-Man 2

Finding Nemo

Movie Found

The Incredibles

A Bug's Life

WALLÂ·E

Toy Story 3

Up

I feel the algorithm works best with the superhero movies and sci-fi movies because a lot of those movies have sequels with the same actors, it doesn't work best with Drama movies.