Assignment 2 - Movie Recommender.

Name: ... your name ...

Overview.

...... A short statement of the concept and objectives ....

Functionality

. . . . . List of the functional features you implemented from the specification . . . .

- Get top ten movies
- Feature 2
- Feature 3
- etc
- etc

Extra features

. . . . . Briefly explain any extra features you implemented(over and above w hat w as in the specification) . . . .

Installation requirements

. . . . List of softw are, libraries and tools used (hint: everything on your build path libraries) . . . .

- Java JRE v1.8
- Guava v0.1
- etc
- etc

Getting started

. . . . . . Explain (to a third party) w hat steps one must take to run your program after cloning it from the repository, e.g. any non-standard softw are installation; any environment setup; how to start the program; how to use the user interface; for example:

> The project comes w ith data in CSV format that can be used to prime the application w ith initial data.
>
> - In the CLI, execute the prime command to import data from the CSV movie files:
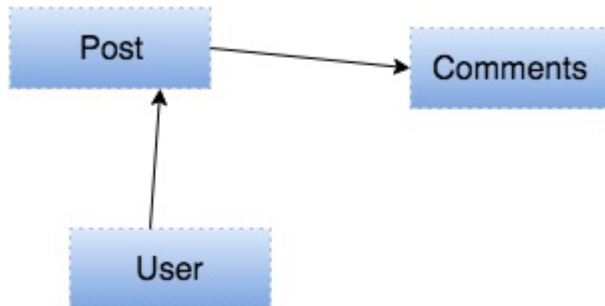
```
The Cliche Movie Shell
Enter ?l to list available commands.
Movies> ?list
abbrev    name     params
li    log-in  (user name, password)
p     prime   ()
Movies> p
Movies>
```

- Log in as the administrator user (leonard@simpson.com)

```
Movies> li leonard@simpson.com secret
You are logged in as leonard@simpson.com
Admin
Movies/Leonard>
```

Data Model Design.

Describe the program's data model (see example below) AND/OR a sample of the data used (XML, JSON or equivalent).

Use meaningful sample data from your program.

Examples

. . . . . Examples of program's user interface (e.g. CLI) (see example below) w ith appropriate captions (user regeneration and login view s, if implemented, can be omitted) . . . .

- Get top ten movies

```
Movies/Leonard> gttm
Movie{1, Toy Story (1995), 01-Jan-1995, http://us.imdb.com/M/title-exact?Toy%20Story%20(1995), 3}
Movie{8, Babe (1995), 01-Jan-1995, http://us.imdb.com/M/title-exact?Babe%20(1995), 3}
Movie{10, Richard III (1995), 22-Jan-1996, http://us.imdb.com/M/title-exact?Richard%20III%20(1995), 2}
Movie{3, Four Rooms (1995), 01-Jan-1995, http://us.imdb.com/M/title-exact?Four%20Rooms%20(1995), 1}
Movie{6, Shanghai Triad (Yao a yao yao dao waipo qiao) (1995), 01-Jan-1995, http://us.imdb.com/Title?Yao+a+yao+yao+dao+wai
Movie{7, Twelve Monkeys (1995), 01-Jan-1995, http://us.imdb.com/M/title-exact?Twelve%20Monkeys%20(1995), 1}
Movie{2, GoldenEye (1995), 01-Jan-1995, http://us.imdb.com/M/title-exact?GoldenEye%20(1995), 0}
Movie{4, Get Shorty (1995), 01-Jan-1995, http://us.imdb.com/M/title-exact?Get%20Shorty%20(1995), -1}
Movie{9, Dead Man Walking (1995), 01-Jan-1995, http://us.imdb.com/M/title-exact?Dead%20Man%20Walking%20(1995), -2}
Movie{5, Copycat (1995), 01-Jan-1995, http://us.imdb.com/M/title-exact?Copycat%20(1995), -3}
```

- Getting movie recommendations for Gregory (test data):

```
Movies/Gregory> gur
Movie{10, Richard III (1995), 22-Jan-1996, http://us.imdb.com/M/title-exact?Richard%20III%20(1995), 2}
Movie{6, Shanghai Triad (Yao a yao yao dao waipo qiao) (1995), 01-Jan-1995, http://us.imdb.com/Title?Yao+a+yao+yao+dao+wai
Movies/Gregory>
```

Independent learning.

. . . . . State w hat you learned that w as not covered in class or labs . . . .