

REPORT

In this experiment, we have fulfilled some orders given in commands.txt. In my homework, I first read people.txt. The people in People.txt are partners in terms of some traits and I inherited people based on those traits. Later, while reading people.txt, I created new human objects depending on their type.

Then I read film.txt. The movies in film.txt are partners in terms of some features and I inherited the movies according to these properties. Their UML diagrams are available in .jpg.

`RATE<tab> <USERID> <FILMID><tab><RATINGPOINT>` or
`EDIT<tab>RATE<tab><USERID>tab<FILMID><tab><NEWRATINGPOINT>`
or `EDIT<tab>RATE<tab><USERID><FILMID>` or
`LIST<tab>USER<tab><USERID><tab>RATES` or
`LIST<tab>FILMS<tab>BY<tab>RATE<tab>DEGREE`

Our homework is like a simple imdb system, so I created a new rate class to execute the RATE order. After checking the things that need to be checked in the rate, I added two arraylist (`ArrayList <String> filmId`, `ArrayList <String> ratingPoint`) `filmId` and `ratingPoint` that I created in the form of movies and scores, so when I wanted to change it later, I found and changed it. While I was looking for movies and something about people, I found them and checked them with the methods(`find_performed`, `find_directors`, `find_writer`, `find_TV_series`, `find_documentarys`, `find_short_film`, `find_feature_film`, `find_film`) I created specifically for them.

ADD<tab>FEATUREFILM<tab><ID><tab><TITLE><tab><LANGUAGE><tab>
><DIRECTOR1ID,...,DIRECTORnID><tab><LENGTH><tab><COUNTRY><ta
b><PERFORMER1ID,...,PERFORMERnID><tab><GENRE1,...,GENREn><tab
><RELEASEDATE><tab><WRITER1ID,...,WRITERnID><tab> <BUDGET>

I added as if I was adding FeatureFilm in the People.txt line by calling
addFeatureFilm method.

VIEWFILM<tab><FILMID>

I have the find_film method. With this method, I find which movie it is and find its
information with find-----.

LIST<tab>FILMS<tab>BY<tab>COUNTRY<tab><COUNTRY>

or LIST<tab>FEATUREFILMS<tab>BEFORE<tab><YEAR> or

LIST<tab>FEATUREFILMS<tab>AFTER<tab><YEAR>

I scanned all the movies and threw what happened in the specified country to an
arraylist

LIST<tab>ARTISTS<tab>FROM<tab><COUNTRY>

I scanned all the artists and threw what happened in the specified country to an
arraylist

LIST<tab>FILM<tab>SERIES

I scanned all the TVseries objects and put them in an array

MY ASSIGNMENT DEV FORMAT:

Java Main people.txt films.txt commands.txt