User documentation

It is a console application, everything written and read is in the console.

At the start of the of the program, a menu is shown to the user:

Your menu is:

1 – Add new movie

2 – Show all movies

3 – Delete movie

4 – Update movie

5 – Search movie by title

6 - Filter movies by genre

7 – Sort Movies by debut year

0 – exit

The user types the number of the desired command. Note: Everything is case sensitive (Titanic != titanic)

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| --- | --- | --- | --- |
| Cmd | What is shown | Meaning | Input example |
| 1 | Introduce title:  Introduce genre:  Introduce Main Actor:  Introduce year: | The app waits for the user to enter the data for a new movie, after a field is completed enter key must be pressed to get to the next one. | Titanic  Romance  Leonardo DiCaprio  1998 |
|  | Invalid title! | The title field must not be empty! | Romance  Leonardo DiCaprio  1998 |
|  | Invalid genre!  Invalid Main Actor! | The genre field must not be empty!  The Main Actor field must not be empty! | Titanic  1998 |
|  | Invalid year! | The year field must be an integer and the year must fulfil the condition that 1900 < = year < =2023 | Titanic  Romance  Leonardo DiCaprio  201221 |
|  | The movie already exists: Titanic | There already exists a movie with the same title in the movie list. | Titanic  Romance  Leonardo Dicaprio  201221 |
|  | The menu is shown | The movie was added with success |  |
| 2 | 1. Titanic, Romance, Leonardo Dicaprio,1998 2. … 3. … | The list of all movies is displayed |  |
| 3. | Introduce the title of the movie to be deleted: | The app waits for the user to fill in the title of the movie that he would like to be deleted | Good Fellas |
|  | There is not any movie with the given title! | There is no movie with the title “Good Fellas” |  |
|  | The menu is shown | The movie with the title “Titanic” is deleted from the list | Titanic |
| 4. | Introduce the title of the movie you would like to update:  Introduce new genre:  Introduce new Main Actor:  Introduce new year: | The app waits for the user to enter the data for the updated movie, after a field is completed enter key must be pressed to get to the next one.  Note: Everything can be changed except the title! |  |
|  | The menu is show | The selected movie was updated with the new attributes. | Titanic  Documentary  Kate Winslet  2000 |
|  | There is no movie with the title: The Boat | There is no movie with the given title in the list so there is nothing to be updated. Therefore a message informing the user appears in the console. | The Boat  Documentary  Kate Winslet  2000 |
|  | Invalid genre!  Invalid Main Actor!  Invalid year! | The genre field must not be empty!  The Main Actor field must not be empty!  The year field must be an integer and the year must fulfil the condition that 1900 < = year < = 2023 | Titanic  20000000 |
| 5. | Introduce the title of the movie you would like to search: | The app waits for the user to enter the title of the movie he wants to find |  |
|  | Your movie is: Titanic,Romance,Leonardo Dicaprio,1998 | The desired movie was found, and its attributes are displayed in the console | Titanic |
|  | There is not any movie with the given title! | In the movie list there is no movie with the given title! | The Boat |
| 6. | Introduce the genre you want: | The app waits for the user to enter the genre he would like the movies to be filtered by | The Movies:  1.Titanic,Romance,Dicaprio,1998  2.LalaLand, Romance, Emma Stone,2018  3.MadMax, Action, Tom Hardy, 2015 |
|  | The movies are:  1.Titanic, Romance, Dicaprio,1998  2.LalaLand, Romance, Emma Stone,2018 | The movies whose genre correspond to the given one are displayed in the console. | Romance |
|  | There is no movie with the given genre. | There is no movie with the given genre in the movies list | Science Fiction |
| 7. |  | The movies are sorted in ascending order by default | The Movies:  1.Titanic, Romance, Dicaprio,1998  2.LalaLand, Romance, Emma Stone,2018  3.MadMax, Action, Tom Hardy, 2015 |
|  | The movies are:  1.Titanic, Romance, Dicaprio,1998  2.MadMax, Action, Tom Hardy, 2015  3.LalaLand, Romance, Emma Stone,2018 | All movies from the movies list are sorted in ascending order by year and displayed in the console. |  |