

Introduction:

Begin by installing the Cinemagoer package, which can be downloaded in the following link: <https://pypi.org/project/cinemagoer/>. The program must run on a Python 3 version and to install the package run the code *pip install cinemagoer*.

Our project consists in a program that extracts data from the IMDB database and works as a platform where the user has the possibility to find more information regarding a particular movie or show he/she is interested in.

How the program works:

The program begins by welcoming the users and asking them to write down the name of the movie/show they would like to know more about.

```
Welcome to our program! Here you will be able to learn more about your favourite movies and TV shows.  
  
Please enter the title of a movie or series you would like to know more about:  
  
lord of the rings
```

After this is done, the program shows a list of 20 titles which correspond to what the user searched for, each with its respective release year written in front. Moreover, each title also has its IMDB ID written before it, as shown in the screenshot below.

```
Here are the ones that correspond to that title:  
7631058 - The Lord of the Rings: The Rings of Power (2022)  
0120737 - The Lord of the Rings: The Fellowship of the Ring (2001)  
0154789 - Lord of the Rings (1990)  
0974590 - The Lord of the Rings Online (2007)  
0331560 - Lord of the Piercing (2002)  
6482606 - Lord of the Rings (by Spring) (2017)  
18568874 - Lord of the Rings Online: Rangers and Ruins (2022)
```

Next, the program asks the users whether they would like to search for something else (by entering number 0) or go ahead and pick a particular movie to find out more about. If the users want to search again, the program goes back to the search “bar”. If the users choose to go ahead, the program will ask them to enter the IMDB ID for the movie/show they are interested in.

After the users enter the ID number, our program will store in an object all the data available in the IMDB database for that particular title.

Next, the program will offer the users five options:

1. To see the movie’s plot summary, rating, and original release date
2. To see the movie’s main crew (director, writer, cinematographer, and composer)
3. To see the movie’s main cast and their respective role
4. To go back to the search “bar” again
5. To exit the program

(Screenshot from the code)

```
Please enter the ID corresponding to the movie or 0 if you want to search for another movie: 0120737

What would you like to know about this movie/show?
(1) Plot Summary, Rating and Original Air Date
(2) Main Crew
(3) Main Cast
(4) I'd like to go back and search for something else.
(5) Exit the program.
█
```

If the users choose option 1:

The program will show them the plot summary, rating and original air date. Then, it will ask them to enter the number 0 when they wish to go back to the previous page.

```
Release Date:
21 Dec 2001 (Portugal)

Rating:
8.8

Plot Summary:
An ancient Ring thought lost for centuries has been found, and through a strange twist of fate has been given to a small Hobbit named Frodo. When Gandalf discovers the Ring is in fact the One Ring of the Dark Lord Sauron, Frodo must make an epic quest to the Cracks of Doom in order to destroy it. However, he does not go alone. He is joined by Gandalf, Legolas the elf, Gimli the Dwarf, Aragorn, Boromir, and his three Hobbit friends Merry, Pippin, and Samwise. Through mountains, snow, darkness, forests, rivers and plains, facing evil and danger at every corner the Fellowship of the Ring must go. Their quest to destroy the One Ring is the only hope for the end of the Dark Lords reign.

Press Enter to continue...█
```

If the users choose option 2:

The program will show them the names of the directors, the writers, the cinematographer, and the composer.

```
Directed by:
Peter Jackson

Screenplay written by:
J.R.R. Tolkien

Cinematography by:
Andrew Lesnie

Music by:
Howard Shore
```

Then, the program will ask the users if they would like to see the names of other 10 movies directed or participated in by the same director. If they choose “Y”, they will see the names of these 10 movies. Afterwards, they are asked to enter the number 0 to go back to the previous page. If they choose “N”, they will go back to the previous page.

```
If you would like to see other titles by the same director, please type Y. If you like to go back, type N.  
y  
Other movies directed by Peter Jackson:  
The Adventures of Tintin: Red Rackham's Treasure  
The Beatles: Get Back - The Rooftop Concert  
The Beatles: Get Back  
They Shall Not Grow Old  
The Hobbit: The Battle of the Five Armies  
The Hobbit: The Desolation of Smaug  
The Hobbit: An Unexpected Journey  
King Kong 360 3-D  
The Lovely Bones  
Crossing the Line  
  
Press Enter to continue...█
```

If the users choose option 3:

The program will show them the names of 10 cast members and the respective names of the character they portray. Then, it will ask them to enter the number 0 when they wish to go back to the previous page.

```
Main Cast:  
Alan Howard as Voice of the Ring  
Noel Appleby as Everard Proudfoot  
Sean Astin as Sam  
Sala Baker as Sauron  
Sean Bean as Boromir  
Billy Boyd as Pippin  
Andy Serkis as Gollum  
Marton Csokas as Celeborn  
Viggo Mortensen as Aragorn  
Orlando Bloom as Legolas  
  
Press Enter to continue...█
```

If the users choose option 4:

The program will go back to the search "bar" and allow the users to search for another movie/show.

If the users choose option 5:

The program will shut down.