

Team Mercury Final Project

Purpose of each file:

movie_recommender.py - A python program that recommends users movies to watch, based on their own favorite movies. The program calculates what movie genre is the user's favorite and then recommends highly rated movies from that genre.

fav_movies.txt - An example text file you could pass into the program.

How to run program:

To run the program, create a text file. In the text file, type the name of one of your favorite movies then press the tab button on your keyboard. After pressing tab, type the genre of the movie you just entered. You must capitalize the first letter of the genre. After typing the genre, return to a new line and repeat the previous steps until you have entered all your favorite movies. Pass in the text file with your favorite movies as a command line argument. The program only accepts the following movie genres: Action, Adventure, Drama, Comedy, Horror, and Romance.

Example:

```
python3 movie_recommender.py fav_movies.txt
```

How to use program:

After running the program, it should print what genre it calculated as your favorite and a list of movies it recommends you watch, separated by comma.

Connor Laios:

count_genre() - List Comprehension

recommend_movies() - Conditional Expressions

Carrington Gant:

sort_movie() - List sorting with key function

remove_duplicates() - Set operations

Bridget Falade:

__repr__() - Magic Methods

display_movies() - F-strings

Olivia Zama:

main() - with statement, sequence unpacking
parse_args() - ArgumentParser class