

A Movie Collection App

PROJECT - 2

As a user I would like to be able to...

- Add new movies to my collection
 - So, I can keep track of all my movies
- List all the movie sin my collection
 - So, I can see what movies I already have
- Find a movie by using movie title
 - So, I can locate a specific movie easily when the collection grows

Implementation Tasks

- Decide where to store movie in code
- Decide what data we want to store for each movie
- Show the user a menu and let them pick an option
- Implement each requirement in turn, each as a separate function
- Stop running the program when they type 'q' in menu

Where to store movies

- Normally we would use a database, but we don't know how to yet!
- For now, store them in a python list
 - This is easy!
 - But movies get deleted from the collection when the app ends



```
movies = []
```

What we store for each movie

- We'll create a dictionary for each movie
- In the dictionary we will store the movie **title**, **director** and **release year**

```
movies = []

title = input("Enter the movie title: ")
director = input("Enter the movie director: ")
year = input("Enter the movie release year: ")

movies.append({
    'title': title,
    'director': director,
    'year': year
})
```

Show the user menu

- Get the user's input
- Then run a loop and get their input again at the end

```
MENU_PROMPT = "\nEnter 'a' to add a movie, 'l' to see your movies, 'f' to find a movie by title, or 'q' to quit: "

selection = input(MENU_PROMPT)
while selection != 'q':
    if selection == 'a':
        pass
    elif selection == 'l':
        pass
    elif selection == 'f':
        pass
    else:
        print("Unknown command. Please try again.")

    selection = input(MENU_PROMPT)
```