

1. Output after scraping data from Rotten Tomatoes website, saved in 'movies.csv' file:
(<https://editorial.rottentomatoes.com/guide/essential-movies-to-watch-now/>)

	title	link	genre
0	12 Angry Men	https://www.rottentomatoes.com/m/1000013_12_an...	Unknown
1	2001: A Space Odyssey	https://www.rottentomatoes.com/m/2001_a_space_...	Unknown
2	The 400 Blows	https://www.rottentomatoes.com/m/400_blows	Unknown
3	The Adventures of Priscilla, Queen of the Desert	https://www.rottentomatoes.com/m/adventures_of...	Unknown
4	The Adventures of Robin Hood	https://www.rottentomatoes.com/m/1000355-adven...	Unknown
...
145	Iron Man	https://www.rottentomatoes.com/m/iron_man	Unknown
146	It Happened One Night	https://www.rottentomatoes.com/m/it_happened_o...	Unknown
147	It's a Wonderful Life	https://www.rottentomatoes.com/m/its_a_wonderf...	Unknown
148	Jaws	https://www.rottentomatoes.com/m/jaws	Unknown
149	John Wick	https://www.rottentomatoes.com/m/john_wick	Unknown

150 rows × 3 columns

2. Dropping the 'genre' column in 'movies.csv' that has string values - 'Unknown':

```
a = pd.read_csv('movies.csv')
a.drop('genre', axis=1, inplace=True)
a
```

	title	link
0	12 Angry Men	https://www.rottentomatoes.com/m/1000013_12_an...
1	2001: A Space Odyssey	https://www.rottentomatoes.com/m/2001_a_space_...
2	The 400 Blows	https://www.rottentomatoes.com/m/400_blows
3	The Adventures of Priscilla, Queen of the Desert	https://www.rottentomatoes.com/m/adventures_of...
4	The Adventures of Robin Hood	https://www.rottentomatoes.com/m/1000355-adven...
...
145	Iron Man	https://www.rottentomatoes.com/m/iron_man
146	It Happened One Night	https://www.rottentomatoes.com/m/it_happened_o...
147	It's a Wonderful Life	https://www.rottentomatoes.com/m/its_a_wonderf...
148	Jaws	https://www.rottentomatoes.com/m/jaws
149	John Wick	https://www.rottentomatoes.com/m/john_wick

150 rows × 2 columns

- Uploading table containing genres of movies manually. The physical file is named 'Genre.csv'

```
g = pd.read_csv('Genre.csv')
g
```

	title	genre
0	12 Angry Men	Drama
1	2001: A Space Odyssey	Science Fiction
2	The 400 Blows	Drama
3	The Adventures of Priscilla, Queen of the Desert	Drama
4	The Adventures of Robin Hood	Adventure
...
145	Iron Man	Science Fiction
146	It Happened One Night	Comedy
147	It's a Wonderful Life	Drama
148	Jaws	Horror
149	John Wick	Action

150 rows × 2 columns

- Final merged dataset named 'movies1.csv':

```
movies1 = a.merge(g)
```

	title	link	genre
0	12 Angry Men	https://www.rottentomatoes.com/m/1000013_12_an...	Drama
1	2001: A Space Odyssey	https://www.rottentomatoes.com/m/2001_a_space_...	Science Fiction
2	The 400 Blows	https://www.rottentomatoes.com/m/400_blows	Drama
3	The Adventures of Priscilla, Queen of the Desert	https://www.rottentomatoes.com/m/adventures_of_...	Drama
4	The Adventures of Robin Hood	https://www.rottentomatoes.com/m/1000355-adven...	Adventure
...
145	Iron Man	https://www.rottentomatoes.com/m/iron_man	Science Fiction
146	It Happened One Night	https://www.rottentomatoes.com/m/it_happened_o...	Comedy
147	It's a Wonderful Life	https://www.rottentomatoes.com/m/its_a_wonderf...	Drama
148	Jaws	https://www.rottentomatoes.com/m/jaws	Horror
149	John Wick	https://www.rottentomatoes.com/m/john_wick	Action

150 rows × 3 columns

- Prompt for input after applying the suggest_movies function on the 'genre' column of dataset 'movies1.csv':

```
if __name__ == '__main__':  
    genre = input("Enter a movie genre: ").strip()  
    suggest_movies(genre)
```

Enter a movie genre:

- Final output after giving the input:

```
Enter a movie genre:  crime  
Random movie suggestion for the genre 'crime':  
Title: Breathless  
Link: https://www.rottentomatoes.com/m/breathless
```
