```
In [2]: import numpy as np
        import pandas as pd
```

```
In [3]: df=pd.read_csv(r'/Users/austinbenny/Documents/python/movie budget rati
        ngs/movies_metadata.csv')
```

```
In [4]: df.head()
```

Out[4]:

	adult	belongs_to_collection	budget	genres	homepage	id	in
0	False	{'id': 10194, 'name': 'Toy Story Collection', ...	30000000	[{'id': 16, 'name': 'Animation'}, {'id': 35, '...	http://toystory.disney.com/toy-story	862	tt0
1	False	NaN	65000000	[{'id': 12, 'name': 'Adventure'}, {'id': 14, '...	NaN	8844	tt0
2	False	{'id': 119050, 'name': 'Grumpy Old Men Collect...	0	[{'id': 10749, 'name': 'Romance'}, {'id': 35, ...	NaN	15602	tt0
3	False	NaN	16000000	[{'id': 35, 'name': 'Comedy'}, {'id': 18, 'nam...	NaN	31357	tt0
4	False	{'id': 96871, 'name': 'Father of the Bride Col...	0	[{'id': 35, 'name': 'Comedy'}]	NaN	11862	tt0

5 rows × 24 columns

```
In [13]: df=df.sort_values(by='popularity', ascending=False)
```

```
In [15]: df[['original_title','popularity']]
```

Out[15]:

	original_title	popularity
30698	Minions	547.488298
33354	Wonder Woman	294.337037
42219	Beauty and the Beast	287.253654
43641	Baby Driver	228.032744
24454	Big Hero 6	213.849907
26563	Deadpool	187.860492
26565	Guardians of the Galaxy Vol. 2	185.330992
14551	Avatar	185.070892
24350	John Wick	183.870374
23674	Gone Girl	154.801009
24872	The Hunger Games: Mockingjay - Part 1	147.098006
44271	War for the Planet of the Apes	146.161786
26566	Captain America: Civil War	145.882135
292	Pulp Fiction	140.950236
26559	Pirates of the Caribbean: Dead Men Tell No Tales	133.827820
12481	The Dark Knight	123.167259
536	Blade Runner	96.272374
17818	The Avengers	89.887648
43283	Captain Underpants: The First Epic Movie	88.561239
33359	The Circle	88.439243
44268	The Bad Batch	78.807200
24120	The Maze Runner	76.937890
23691	Dawn of the Planet of the Apes	75.385211
42899	Alien: Covenant	72.884078
42306	Ghost in the Shell	68.726676
43298	Boyka: Undisputed IV	67.955052
23672	Whiplash	64.299990
2843	Fight Club	63.869599
44621	What Happened to Monday	60.581223
45199	Wish Upon	59.578823

	...	...	...
24737	America's Most Haunted Inns	0.000000	
43766	The Challenge... A Tribute to Modern Art	0.000000	
43590	Final Offer	0.000000	
21166	Reflection	0.000000	
41396	Allende en su laberinto	0.000000	
39468	On Reflection: B.S. Johnson on Dr. Samuel Johnson	0.000000	
27442	Torino violenta	0.000000	
24385	Kiljusen herrasväki	0.000000	
37282	Recto / verso	0.000000	
20136	Jean Renoir: Part One - From La Belle Époque t...	0.000000	
43591	Dead Kennedys: The Early Years	0.000000	
40127	Scenes from the Class Struggle in Portugal	0.000000	
42415	The Spike Jones Story	0.000000	
43022	Los indolentes	0.000000	
36945	Vogelfrei	0.000000	
14890	Lars i porten	0.000000	
37286	Sins of the mind	0.000000	
18572	Pölynimurikauppiaat	0.000000	
20102	Electile Dysfunction: Inside the Business of A...	0.000000	
45335	The Land Where the Blues Began	0.000000	
21002	At the River I Stand	0.000000	
21767	Narrien Illat	0.000000	
17510	Víťaz	0.000000	
30668	Raakh	0.000000	
37654	If These Knishes Could Talk: The Story of the ...	0.000000	
18362	Khanei ruye ab	0.000000	
32473	Star Spangled Girl	0.000000	
19729	Midnight Man	NaN	
29501	マルドゥック・スクランブル 排気	NaN	
35584	Avalanche Sharks	NaN	

45463 rows × 2 columns

In [ ]: