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In [7]: import os
import numpy as np # Numpy Library
import pandas as pd # Pandas Library
import requests # Checking Whether Permission Has been Granted or not
from bs4 import BeautifulSoup # Webscraping package
```

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In [4]: url = 'https://www.imdb.com/list/ls000040646/'
response = requests.get(url)
response
```

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Out[4]: <Response [200]>
```

```
In [32]: soup = BeautifulSoup(response.content, 'html.parser')
```

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In [ ]: movie_data = soup.findAll('div', attrs={'class': 'list-item-content'})
movie_data
```

```
In [158... #Initializing empty List
Movie_name = []
Year = []
Time = []
Genre = []
Rating = []
Metascore = []
Votes = []

for data in movie_data:
    name = data.h3.a.text
    Movie_name.append(name)

    Year1 = data.h3.find('span', attrs = {'class': 'list-item-year text-muted unbold'})
    Year.append(Year1)

    Time1 = data.p.find('span', attrs = {'class': 'runtime'}).text.replace(' min', '')
    Time.append(Time1)

    Genre1 = data.p.find('span', attrs = {'class': 'genre'}).text.replace('\n', '').replace(' ', '')
    Genre.append(Genre1)

    Rating1 = data.find('span', attrs = {'class': 'ipl-rating-star__rating'}).text
    Rating.append(Rating1)

    Metascore1 = data.find('div', attrs = {'class': 'inline-block ratings-metascore'}).text
    Metascore.append(Metascore1)

    value = data.find_all('span', attrs = {'name': 'nv'})

    Votes1 = value[0].text.replace(',', '')
    Votes.append(Votes1)
```

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In [159... df = pd.DataFrame({'Movie_name':Movie_name,'Year':Year,'Time':Time,'Genre':Genre,'Rati
```

```
In [160... df
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Out[160]:

	Movie_name	Year	Time	Genre	Rating	Metascore	Votes
0	'A' gai wak	1983	105	Action, Adventure, Comedy	7.2	####	18532
1	Ging chaat goo si	1985	100	Action, Comedy, Crime	7.5	78	41877
2	Jui kuen II	1994	102	Action, Comedy	7.5	74	48927
3	Fei lung mang jeung	1988	93	Action, Comedy, Romance	7.1	####	9348
4	Ging chaat goo si juk jaap	1988	101	Action, Comedy, Crime	7.1	68	22545
5	Lung hing foo dai	1986	88	Action, Adventure, Comedy	6.9	####	22067
6	'A' gai wak 2	1987	106	Action, Comedy, Crime	7	####	11343
7	Se ying diu sau	1978	97	Action, Comedy	7.3	####	12883
8	Ging chaat goo si III: Chiu kup ging chaat	1992	96	Action, Comedy, Crime	6.9	####	24279
9	Fai caan che	1984	108	Action, Comedy, Crime	7	####	15184
10	Kei zik	1989	139	Action, Comedy, Crime	6.9	####	5439
11	Lung siu yeh	1982	102	Action, Comedy, Sport	6.3	####	4411
12	Shi di chu ma	1980	105	Action, Adventure, Comedy	7.1	####	8197
13	Jui kuen	1978	111	Action, Comedy	7.4	68	43855
14	Hung fan kui	1995	104	Action, Comedy, Crime	6.7	61	45996
15	Ngo si seoi	1998	120	Action, Adventure, Comedy	6.8	####	42946
16	Fei ying gai wak	1991	98	Action, Adventure, Comedy	7.2	####	22680
17	Da bing xiao jiang	2010	96	Action, Adventure, Comedy	6.9	####	16018
18	Rush Hour 2	2001	90	Action, Comedy, Crime	6.7	48	239079
19	Dak mo mai sing	2001	108	Action, Comedy, Crime	5.8	####	18682
20	Rush Hour	1998	98	Action, Comedy, Crime	7	61	294731
21	Shanghai Noon	2000	110	Action, Adventure, Comedy	6.6	77	135236
22	San ging chaat goo si	2004	123	Action, Crime, Thriller	6.9	####	29000
23	Jung on zo	1993	107	Action, Crime, Drama	6.7	####	7442
24	Yat goh ho yan	1997	101	Action, Adventure, Comedy	6.2	####	28813
25	Ging chaat goo si 4: Gaan dan yam mo	1996	107	Action, Adventure, Comedy	6.6	####	22522
26	The Karate Kid	2010	140	Action, Drama, Family	6.2	61	205556

	Movie_name	Year	Time	Genre	Rating	Metascore	Votes
27	The Forbidden Kingdom	2008	104	Action, Adventure, Fantasy	6.5	57	109542
28	Long de xin	1985	98	Action, Comedy, Crime	6.3	####	5200
29	San wa	2005	122	Action, Adventure, Comedy	6.1	####	16315

In [157...

```
# Extracting the data into excel
df.to_excel("c:\\Users\\Chitra\\Desktop\\IMDB_Jackie Chan.xlsx")
```