

```
In [1]: !pip install bs4
```

```
Requirement already satisfied: bs4 in c:\users\asharm\anaconda3\lib\site-packages (0.0.1)
Requirement already satisfied: beautifulsoup4 in c:\users\asharm\anaconda3\lib\site-packages (from bs4) (4.11.1)
Requirement already satisfied: soupsieve>1.2 in c:\users\asharm\anaconda3\lib\site-packages (from beautifulsoup4->bs4) (2.3.1)
```

```
In [2]: !pip install requests
```

```
Requirement already satisfied: requests in c:\users\asharm\anaconda3\lib\site-packages (2.27.1)
Requirement already satisfied: charset-normalizer~=2.0.0 in c:\users\asharm\anaconda3\lib\site-packages (from requests) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\users\asharm\anaconda3\lib\site-packages (from requests) (3.3)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\asharm\anaconda3\lib\site-packages (from requests) (1.26.9)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\asharm\anaconda3\lib\site-packages (from requests) (2021.10.8)
```

```
In [3]: from bs4 import BeautifulSoup
```

```
In [4]: url = "https://www.imdb.com/india/top-rated-indian-movies/"
```

```
In [5]: import requests
```

```
In [139... r = requests.get(url)
```

```
In [140... r
```

```
Out[140]: <Response [200]>
```

```
In [141... soup = BeautifulSoup(r.content)
```

```
In [142... Name_year = []
```

```
In [143... for i in soup.find_all("td", class_="titleColumn"):
    Name_year.append(i.text.replace("\n", "").split("."))
```

```
In [144... Name_year
```

```

Out[144]: [[' 1', ' Rocketry: The Nambi Effect(2022)'],
[' 2', ' Anbe Sivam(2003)'],
[' 3', ' Jai Bhim(2021)'],
[' 4', ' Golmaal(1979)'],
[' 5', ' Nayakan(1987)'],
[' 6', ' Pariyerum Perumal(2018)'],
[' 7', ' 777 Charlie(2022)'],
[' 8', ' 3 Idiots(2009)'],
[' 9', ' Apur Sansar(1959)'],
['10', ' Manichitrathazhu(1993)'],
['11', ' Kumbalangi Nights(2019)'],
['12', ' Black Friday(2004)'],
['13', ' Soorarai Pottru(2020)'],
['14', ' #Home(2021)'],
['15', ' C/o Kancharapalem(2018)'],
['16', ' Taare Zameen Par(2007)'],
['17', ' Kireedam(1989)'],
['18', ' Dangal(2016)'],
['19', ' Kaithi(2019)'],
['20', ' Jersey(2019)'],
['21', ' Maya Bazaar(1957)'],
['22', ' 96(2018)'],
['23', ' Asuran(2019)'],
['24', ' Thevar Magan(1992)'],
['25', ' Visaaranai(2015)'],
['26', ' Sarpatta Parambarai(2021)'],
['27', ' Natsamrat(2016)'],
['28', ' Thalapathi(1991)'],
['29', ' Drishyam 2(2021)'],
['30', ' Pather Panchali(1955)'],
['31', ' Nadodikkattu(1987)'],
['32', ' Sardar Udham(2021)'],
['33', ' Thani Oruvan(2015)'],
['34', ' Vada Chennai(2018)'],
['35', ' Jaane Bhi Do Yaaro(1983)'],
['36', ' Aparajito(1956)'],
['37', ' Sita Ramam(2022)'],
['38', ' Khosla Ka Ghosla!(2006)'],
['39', ' Drishyam(2013)'],
['40', ' Peranbu(2018)'],
['41', ' Ratsasan(2018)'],
['42', ' Anniyan(2005)'],
['43', ' Chupke Chupke(1975)'],
['44', ' Mahanati(2018)'],
['45', ' Agent Sai Srinivasa Athreya(2019)'],
['46', ' Premam(2015)'],
['47', ' Bangalore Days(2014)'],
['48', ' Vikram(2022)'],
['49', ' Satya(1998)'],
['50', ' Super Deluxe(2019)'],
['51', ' Devasuram(1993)'],
['52', ' Gangs of Wasseypur(2012)'],
['53', ' Bhaag Milkha Bhaag(2013)'],
['54', ' Drishyam(2015)'],
['55', ' Aruvi(2016)'],
['56', ' Andhadhun(2018)'],
['57', ' Chithram(1988)'],
['58', ' Vikram Vedha(2017)'],
['59', ' Kannathil Muthamittal(2002)'],
['60', ' Guide(1965)'],

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[' 61', ' Iruvar(1997)'],
 [' 62', ' Tumbbad(2018)'],
 [' 63', ' Sairat(2016)'],
 [' 64', ' Shahid(2012)'],
 [' 65', ' Zindagi Na Milegi Dobara(2011)'],
 [' 66', ' Paan Singh Tomar(2012)'],
 [' 67', ' Chhichhore(2019)'],
 [' 68', ' Mudhalvan(1999)'],
 [' 69', ' Spadikam(1995)'],
 [' 70', ' Pudhu Pettai(2006)'],
 [' 71', ' Swades: We, the People(2004)'],
 [' 72', ' Dhuruvangal Pathinaaru(2016)'],
 [' 73', ' Chak De! India(2007)'],
 [' 74', ' Uri: The Surgical Strike(2019)'],
 [' 75', ' Papanasam(2015)'],
 [' 76', ' Mandela(2021)'],
 [' 77', ' Black(2005)'],
 [' 78', ' Jo Jeeta Wohi Sikandar(1992)'],
 [' 79', ' Pyaasa(1957)'],
 [' 80', ' Munna Bhai M', 'B', 'B', 'S', '(2003)'],
 [' 81', ' Soodhu Kavvum(2013)'],
 [' 82', ' Article 15(2019)'],
 [' 83', ' Queen(2013)'],
 [' 84', ' Kaakkaa Muttai(2014)'],
 [' 85', ' Lagaan: Once Upon a Time in India(2001)'],
 [' 86', ' Talvar(2015)'],
 [' 87', ' PK(2014)'],
 [' 88', ' OMG: Oh My God!(2012)'],
 [' 89', ' Jigarthanda(2014)'],
 [' 90', ' Hera Pheri(2000)'],
 [' 91', ' Sarfarosh(1999)'],
 [' 92', ' Theeran Adhigaaram Ondru(2017)'],
 [' 93', ' Udaan(2010)'],
 [' 94', ' Barfi!(2012)'],
 [' 95', ' Sholay(1975)'],
 [' 96', ' Ustad Hotel(2012)'],
 [' 97', ' The Legend of Bhagat Singh(2002)'],
 [' 98', ' Virumandi(2004)'],
 [' 99', ' Baahubali 2: The Conclusion(2017)'],
 [' 100', ' Angoor(1982)'],
 [' 101', ' Rang De Basanti(2006)'],
 [' 102', ' Baasha(1995)'],
 [' 103', ' Jana Gana Mana(2022)'],
 [' 104', ' Maheshinte Prathikaaram(2016)'],
 [' 105', ' Masaan(2015)'],
 [' 106', ' Kahaani(2012)'],
 [' 107', ' Shershaah(2021)'],
 [' 108', ' Dil Chahta Hai(2001)'],
 [' 109', ' A Wednesday(2008)'],
 [' 110', ' Kaun Pravin Tambe?(2022)'],
 [' 111', ' Roja(1992)'],
 [' 112', ' Pithamagan(2003)'],
 [' 113', ' Iqbal(2005)'],
 [' 114', ' Pink(2016)'],
 [' 115', ' Lage Raho Munna Bhai(2006)'],
 [' 116', ' Nil Battey Sannata(2015)'],
 [' 117', ' Anand(1971)'],
 [' 118', ' Charulata(1964)'],
 [' 119', ' Lucia(2013)'],
 [' 120', ' Alai Payuthey(2000)'],

[' 121', ' Section 375(2019)'],
 [' 122', ' Oru Vadakkan Veeragatha(1989)'],
 [' 123', ' Omkara(2006)'],
 [' 124', ' Bajrangi Bhaijaan(2015)'],
 [' 125', ' Bombay(1995)'],
 [' 126', ' Bommarillu(2006)'],
 [' 127', ' K', 'G', 'F: Chapter 1(2018)'],
 [' 128', ' Indian(1996)'],
 [' 129', ' The Great Indian Kitchen(2021)'],
 [' 130', ' K', 'G', 'F: Chapter 2(2022)'],
 [' 131', ' Rangasthalam(2018)'],
 [' 132', ' Haider(2014)'],
 [' 133', ' Mughal-E-Azam(1960)'],
 [' 134', ' Dilwale Dulhania Le Jayenge(1995)'],
 [' 135', ' Maanaadu(2021)'],
 [' 136', ' Athadu(2005)'],
 [' 137', ' Maqbool(2003)'],
 [' 138', ' Andaz Apna Apna(1994)'],
 [' 139', ' Special Chabbis(2013)'],
 [' 140', ' Thadam(2019)'],
 [' 141', ' Vaaranam Aayiram(2008)'],
 [' 142', ' Android Kunjappan Version 5', '25(2019)'],
 [' 143', ' Padayappa(1999)'],
 [' 144', ' Pelli Choopulu(2016)'],
 [' 145', ' Gulaal(2009)'],
 [' 146', ' Ulidavaru Kandanthu(2014)'],
 [' 147', ' Naduvula Konjam Pakkatha Kaanom(2012)'],
 [' 148', ' Deewaar(1975)'],
 [' 149', ' Badhaai ho(2018)'],
 [' 150', ' Ugly(2013)'],
 [' 151', ' Vaastav: The Reality(1999)'],
 [' 152', ' Kshanam(2016)'],
 [' 153', ' Evaru(2019)'],
 [' 154', ' Company(2002)'],
 [' 155', ' Gully Boy(2019)'],
 [' 156', ' Major(2022)'],
 [' 157', ' Padosan(1968)'],
 [' 158', ' Aadukalam(2011)'],
 [' 159', ' Maanagaram(2017)'],
 [' 160', ' Nayattu(2021)'],
 [' 161', ' Thondimuthalum Dhripsakshiyum(2017)'],
 [' 162', ' Dev', 'D(2009)'],
 [' 163', ' My Name Is Khan(2010)'],
 [' 164', ' Take Off(2017)'],
 [' 165', ' Pranchiyettan and the Saint(2010)'],
 [' 166', ' Baishe Srabon(2011)'],
 [' 167', ' Kal Ho Naa Ho(2003)'],
 [' 168', ' Ayyappanum Koshiyum(2020)'],
 [' 169', ' Dil Bechara(2020)'],
 [' 170', ' Jab We Met(2007)'],
 [' 171', ' Manjhi: The Mountain Man(2015)'],
 [' 172', ' Mukkabaaz(2017)'],
 [' 173', ' Super 30(2019)'],
 [' 174', ' Deiva Thirumagal(2011)'],
 [' 175', ' Arjun Reddy(2017)'],
 [' 176', ' Karnan(2021)'],
 [' 177', ' Border(1997)'],
 [' 178', ' Ship of Theseus(2012)'],
 [' 179', ' Charlie(2015)'],
 [' 180', ' Vedam(2010)'],

[' 181', ' Bāhubali: The Beginning(2015)'],
 [' 182', ' Padman(2018)'],
 [' 183', ' Salaam Bombay!(1988)'],
 [' 184', ' Ankhon Dekhi(2013)'],
 [' 185', ' Jalsaghar(1958)'],
 [' 186', ' Baby(2015)'],
 [' 187', ' M', 'S', ' Dhoni: The Untold Story(2016)'],
 [' 188', ' RRR (Rise Roar Revolt)(2022)'],
 [' 189', ' Vinnaithaandi Varuvaayaa(2010)'],
 [' 190', ' Malik(2021)'],
 [' 191', ' Kirik Party(2016)'],
 [' 192', ' Pizza(2012)'],
 [' 193', ' The Tashkent Files(2019)'],
 [' 194', ' Memories(2013)'],
 [' 195', ' Hindi Medium(2017)'],
 [' 196', ' Hridayam(2022)'],
 [' 197', ' English Vinglish(2012)'],
 [' 198', ' Lakshya(2004)'],
 [' 199', ' Dor(2006)'],
 [' 200', ' Johnny Gaddaar(2007)'],
 [' 201', ' Airlift(2016)'],
 [' 202', ' Hey Ram(2000)'],
 [' 203', ' Joseph(2018)'],
 [' 204', ' Kaakha', ' ', 'Kaakha: The Police(2003)'],
 [' 205', ' Anjaam Pathiraa(2020)'],
 [' 206', ' Gangaajal(2003)'],
 [' 207', ' Vettaiyaadu Vilaiyaadu(2006)'],
 [' 208', ' Okkadu(2003)'],
 [' 209', ' Mumbai Police(2013)'],
 [' 210', ' The Lunchbox(2013)'],
 [' 211', ' Pokiri(2006)'],
 [' 212', ' Ab Tak Chhappan(2004)'],
 [' 213', ' Thuppakki(2012)'],
 [' 214', ' Oopiri(2016)'],
 [' 215', ' Angamaly Diaries(2017)'],
 [' 216', ' Unnaipol Oruvan(2009)'],
 [' 217', ' Karthikeya 2(2022)'],
 [' 218', ' Manam(2014)'],
 [' 219', ' RangiTaranga(2015)'],
 [' 220', ' Ghilli(2004)'],
 [' 221', ' Vicky Donor(2012)'],
 [' 222', ' Secret Superstar(2017)'],
 [' 223', ' Mother India(1957)'],
 [' 224', ' Veer-Zaara(2004)'],
 [' 225', ' Kaththi(2014)'],
 [' 226', ' Mimi(2021)'],
 [' 227', ' Sonchiriya(2019)'],
 [' 228', ' Dia(2020)'],
 [' 229', ' Oru CBI Diary Kurippu(1988)'],
 [' 230', ' Stanley Ka Dabba(2011)'],
 [' 231', ' Rock On!!(2008)'],
 [' 232', ' Mr', ' India(1987)'],
 [' 233', ' Nayak: The Real Hero(2001)'],
 [' 234', ' Thulladha Manamum Thullum(1999)'],
 [' 235', ' Udta Punjab(2016)'],
 [' 236', ' Happy Days(2007)'],
 [' 237', ' Minnal Murali(2021)'],
 [' 238', ' Aayirathil Oruvan(2010)'],
 [' 239', ' Badla(2019)'],
 [' 240', ' Raazi(2018)'],

```

['      241', '      Dasvidaniya(2008)'],
['      242', '      Poove Unakkaga(1996)'],
['      243', '      Kai po che!(2013)'],
['      244', '      Goodachari(2018)'],
['      245', '      Joji(2021)'],
['      246', '      Ko(2011)'],
['      247', '      Don(1978)'],
['      248', '      Ennu Ninte Moideen(2015)'],
['      249', '      Velaiilla Pattadhari(2014)'],
['      250', '      Aligarh(2015)']

```

In [145... `len(Name_year)`

Out[145]: 250

In [146... `Name_year[100]`

Out[146]: [' 101', ' Rang De Basanti(2006)']

In [147... `# 100 movies only`
`del Name_year[100:251]`

In [148... `len(Name_year)`

Out[148]: 100

In [149... `Nameyear = []`

In [150... `for i in range(len(Name_year)):`
 `Nameyear.append(Name_year[i][1].split("("))`

In [151... `Nameyear`

```
Out[151]: [['Rocketry: The Nambi Effect', '2022')],
['Anbe Sivam', '2003')],
['Jai Bhim', '2021')],
['Golmaal', '1979')],
['Nayakan', '1987')],
['Pariyerum Perumal', '2018')],
['777 Charlie', '2022')],
['3 Idiots', '2009')],
['Apur Sansar', '1959')],
['Manichitrathazhu', '1993')],
['Kumbalangi Nights', '2019')],
['Black Friday', '2004')],
['Soorarai Pottru', '2020')],
['#Home', '2021')],
['C/o Kancharapalem', '2018')],
['Taare Zameen Par', '2007')],
['Kireedam', '1989')],
['Dangal', '2016')],
['Kaithi', '2019')],
['Jersey', '2019')],
['Maya Bazaar', '1957')],
['96', '2018')],
['Asuran', '2019')],
['Thevar Magan', '1992')],
['Visaaranai', '2015')],
['Sarpatta Parambarai', '2021')],
['Natsamrat', '2016')],
['Thalapathi', '1991')],
['Drishyam 2', '2021')],
['Pather Panchali', '1955')],
['Nadodikkattu', '1987')],
['Sardar Udham', '2021')],
['Thani Oruvan', '2015')],
['Vada Chennai', '2018')],
['Jaane Bhi Do Yaaro', '1983')],
['Aparajito', '1956')],
['Sita Ramam', '2022')],
['Khosla Ka Ghosla!', '2006')],
['Drishyam', '2013')],
['Peranbu', '2018')],
['Ratsasan', '2018')],
['Anniyan', '2005')],
['Chupke Chupke', '1975')],
['Mahanati', '2018')],
['Agent Sai Srinivasa Athreya', '2019')],
['Premam', '2015')],
['Bangalore Days', '2014')],
['Vikram', '2022')],
['Satya', '1998')],
['Super Deluxe', '2019')],
['Devasuram', '1993')],
['Gangs of Wasseypur', '2012')],
['Bhaag Milkha Bhaag', '2013')],
['Drishyam', '2015')],
['Aruvi', '2016')],
['Andhadhun', '2018')],
['Chithram', '1988')],
['Vikram Vedha', '2017')],
['Kannathil Muthamittal', '2002')],
['Guide', '1965')],
```

```
[ ' Iruvar', '1997')'],
[ ' Tumbbad', '2018')'],
[ ' Sairat', '2016')'],
[ ' Shahid', '2012')'],
[ ' Zindagi Na Milegi Dobara', '2011')'],
[ ' Paan Singh Tomar', '2012')'],
[ ' Chhichhore', '2019')'],
[ ' Mudhalvan', '1999')'],
[ ' Spadikam', '1995')'],
[ ' Pudhu Pettai', '2006')'],
[ ' Swades: We, the People', '2004')'],
[ ' Dhuruvangal Pathinaaru', '2016')'],
[ ' Chak De! India', '2007')'],
[ ' Uri: The Surgical Strike', '2019')'],
[ ' Papanasam', '2015')'],
[ ' Mandela', '2021')'],
[ ' Black', '2005')'],
[ ' Jo Jeeta Wohi Sikandar', '1992')'],
[ ' Pyaasa', '1957')'],
[ ' Munna Bhai M'],
[ ' Soodhu Kavvum', '2013')'],
[ ' Article 15', '2019')'],
[ ' Queen', '2013')'],
[ ' Kaakkaa Muttai', '2014')'],
[ ' Lagaan: Once Upon a Time in India', '2001')'],
[ ' Talvar', '2015')'],
[ ' PK', '2014')'],
[ ' OMG: Oh My God!', '2012')'],
[ ' Jigarthanda', '2014')'],
[ ' Hera Pheri', '2000')'],
[ ' Sarfarosh', '1999')'],
[ ' Theeran Adhigaaram Ondru', '2017')'],
[ ' Udaan', '2010')'],
[ ' Barfi!', '2012')'],
[ ' Sholay', '1975')'],
[ ' Ustad Hotel', '2012')'],
[ ' The Legend of Bhagat Singh', '2002')'],
[ ' Virumandi', '2004')'],
[ ' Baahubali 2: The Conclusion', '2017')'],
[ ' Angoor', '1982')']]
```

```
In [174... NamesOf_TheMovies = []
Year = []
YearOfTheMovie = []
```

```
In [175... for i in range(0,len(Nameyear)):
    NamesOf_TheMovies.append(Nameyear[i][0].strip())
    Year.append(Nameyear[i][1])
```

here it's shwing me but the code is running fine

```
-----
IndexError                                Traceback (most recent call last)
Input In [175], in <cell line: 1>()
      1 for i in range(0,len(Nameyear)):
      2     NamesOf_TheMovies.append(Nameyear[i][0].strip())
----> 3     Year.append(Nameyear[i][1])
```

IndexError: list index out of range

In [176... `NamesOf_TheMovies`

```
Out[176]: ['Rocketry: The Nambi Effect',
           'Anbe Sivam',
           'Jai Bhim',
           'Golmaal',
           'Nayakan',
           'Pariyerum Perumal',
           '777 Charlie',
           '3 Idiots',
           'Apur Sansar',
           'Manichitrathazhu',
           'Kumbalangi Nights',
           'Black Friday',
           'Soorarai Pottru',
           '#Home',
           'C/o Kancharapalem',
           'Taare Zameen Par',
           'Kireedam',
           'Dangal',
           'Kaithi',
           'Jersey',
           'Maya Bazaar',
           '96',
           'Asuran',
           'Thevar Magan',
           'Visaaranai',
           'Sarpatta Parambarai',
           'Natsamrat',
           'Thalapathi',
           'Drishyam 2',
           'Pather Panchali',
           'Nadodikkattu',
           'Sardar Udham',
           'Thani Oruvan',
           'Vada Chennai',
           'Jaane Bhi Do Yaaro',
           'Aparajito',
           'Sita Ramam',
           'Khosla Ka Ghosla!',
           'Drishyam',
           'Peranbu',
           'Ratsasan',
           'Anniyan',
           'Chupke Chupke',
           'Mahanati',
           'Agent Sai Srinivasa Athreya',
           'Premam',
           'Bangalore Days',
           'Vikram',
           'Satya',
           'Super Deluxe',
           'Devasuram',
           'Gangs of Wasseypur',
           'Bhaag Milkha Bhaag',
           'Drishyam',
           'Aruvi',
           'Andhadhun',
           'Chithram',
           'Vikram Vedha',
           'Kannathil Muthamittal',
           'Guide',
```

```
'Iruvar',
'Tumbbad',
'Sairat',
'Shahid',
'Zindagi Na Milegi Dobara',
'Paan Singh Tomar',
'Chhichhore',
'Mudhalvan',
'Spadikam',
'Pudhu Pettai',
'Swades: We, the People',
'Dhuruvangal Pathinaaru',
'Chak De! India',
'Uri: The Surgical Strike',
'Papanasam',
'Mandela',
'Black',
'Jo Jeeta Wohi Sikandar',
'Pyaasa',
'Munna Bhai M']
```

```
In [177... for i in range(100):
            YearOfTheMovie.append(Year[i].replace(")", " "))
```

```
-----
IndexError                                Traceback (most recent call last)
Input In [177], in <cell line: 1>()
      1 for i in range(100):
----> 2     YearOfTheMovie.append(Year[i].replace(")", " "))

IndexError: list index out of range
```

```
In [178... YearOfTheMovie
```

```
Out[178]: ['2022 ',  
          '2003 ',  
          '2021 ',  
          '1979 ',  
          '1987 ',  
          '2018 ',  
          '2022 ',  
          '2009 ',  
          '1959 ',  
          '1993 ',  
          '2019 ',  
          '2004 ',  
          '2020 ',  
          '2021 ',  
          '2018 ',  
          '2007 ',  
          '1989 ',  
          '2016 ',  
          '2019 ',  
          '2019 ',  
          '1957 ',  
          '2018 ',  
          '2019 ',  
          '1992 ',  
          '2015 ',  
          '2021 ',  
          '2016 ',  
          '1991 ',  
          '2021 ',  
          '1955 ',  
          '1987 ',  
          '2021 ',  
          '2015 ',  
          '2018 ',  
          '1983 ',  
          '1956 ',  
          '2022 ',  
          '2006 ',  
          '2013 ',  
          '2018 ',  
          '2018 ',  
          '2005 ',  
          '1975 ',  
          '2018 ',  
          '2019 ',  
          '2015 ',  
          '2014 ',  
          '2022 ',  
          '1998 ',  
          '2019 ',  
          '1993 ',  
          '2012 ',  
          '2013 ',  
          '2015 ',  
          '2016 ',  
          '2018 ',  
          '1988 ',  
          '2017 ',  
          '2002 ',  
          '1965 ']
```

```
'1997 ',  
'2018 ',  
'2016 ',  
'2012 ',  
'2011 ',  
'2012 ',  
'2019 ',  
'1999 ',  
'1995 ',  
'2006 ',  
'2004 ',  
'2016 ',  
'2007 ',  
'2019 ',  
'2015 ',  
'2021 ',  
'2005 ',  
'1992 ',  
'1957 ']
```

In []:

In []: