

```
import time
from selenium import webdriver as wd
import numpy as np
import pandas as pd
```

This code is to extract featured today movies from IMDB with all the details

```

In [36]: driver = wd.Chrome(executable_path='C:/Users/anany/.wdm/drivers/chromedriver/win32/91.0.4472.101/chromedriver.exe')
driver.get("https://www.imdb.com/")

driver.implicitly_wait(10)

# scroll to bottom

driver.execute_script("window.scrollTo(0,document.body.scrollHeight)")

# scroll to top

driver.execute_script("window.scroll(0, 0);")

driver.implicitly_wait(10)

# click on todays pick

featured_today=driver.find_element_by_xpath("/html/body/div[2]/main/div[2]/div[3]/div[2]/section/section/div/div")

featured_today_fullinfo=[]
for i in driver.find_elements_by_xpath("/html/body/div[4]/div/div[2]/div[3]/div/div[1]/div/span/div/div/div/div"):
    featured_today_fullinfo.append(i.text)
    print(i.text)

driver.quit()

```

| Stars: Tom Cruise, Cobie Smulders, Aldis Hodge, Robert Knepper
Votes: 143,390 | Gross: \$58.70M
Available to Stream on July 15 in English

5. Paranormal Activity: The Ghost Dimension (2015)
R | 88 min | Horror, Mystery
4.6 Rate this
30 Metascore
Using a special camera that can see spirits, a family must protect their daughter from an evil entity with a sinister plan.

Director: Gregory Plotkin | Stars: Chris J. Murray, Brit Shaw, Ivy George, Dan Gill
Votes: 25,714 | Gross: \$18.30M
Available to Stream on July 15 in English

6. Gossip Girl (2007–2012)
TV-14 | 42 min | Drama, Romance
7.4 Rate this
Privileged teens living on the Upper East Side of New York can hide no secret from the ruthless blogger who is always watching.

Stars: Blake Lively, Leighton Meester, Penn Badgley, Ed Westwick
Votes: 158,236
Season 1-8 is Available to Stream on July 8

7. Teenage Mutant Ninja Turtles: Out of the Shadows (2016)
PG-13 | 112 min | Action, Adventure, Comedy
6.0 Rate this
40 Metascore
The Turtles get into another battle with their enemy the Shredder, who has acquired new allies: the mutant thugs Bebop and Rocksteady and the alien being Krang.

Director: Dave Green | Stars: Megan Fox, Will Arnett, Tyler Perry, Laura Linney
Votes: 86,437 | Gross: \$82.05M
Available to Stream on July 15 in English

8. Toofaan (2021)
UA | 163 min | Action, Drama, Sport | Post-production
Farhan Akhtar plays a boxer in this fictional drama.

Director: Rakeysh Omprakash Mehra | Stars: Farhan Akhtar, Paresh Rawal, Mrunal Thakur, Darshan Kumar
Available to Stream on July 16 in Hindi

9. Making the Cut (2020–)
TV-14 | 60 min | Reality-TV
6.6 Rate this
Fashion competition series hosted by Heidi Klum & Tim Gunn featuring 10 talented entrepreneurs and designers from around the world, who are ready to take their emerging brands to the next level and become the newest global phenomenon.

Stars: Tim Gunn, Heidi Klum, Jonny Cota, Naomi Campbell
Votes: 1,255
Season 2 is Available to Stream on July 16 in English

9 titles

```
In [37]: # saving info in a text file

# array to pandas df
featured_today_fullinfo = pd.DataFrame(featured_today_fullinfo)

# df to numpy array

numpy_array = featured_today_fullinfo.to_numpy()

np.savetxt("featured_today_fullinfo.txt", numpy_array, fmt = "%s")
```

Featured today just the titles

```
In [53]: driver = wd.Chrome(executable_path='C:/Users/anany/.wdm/drivers/chromedriver/win32/91.0.4472.101/chromedriver.exe')
driver.get("https://www.imdb.com/")

driver.implicitly_wait(10)

# scroll to bottom

driver.execute_script("window.scrollTo(0,document.body.scrollHeight)")

# scroll to top

driver.execute_script("window.scrollTo(0, 0);")

driver.implicitly_wait(10)

# click on todays pick

featured_today=driver.find_element_by_xpath("/html/body/div[2]/main/div[2]/div[3]/div[2]/section/section/div/div")

# click on compact view

compact_view=driver.find_element_by_xpath("/html/body/div[4]/div/div[2]/div[3]/div/div[1]/div/span/div/div/div/div")

driver.implicitly_wait(10)

featured_today_names=[]

for x in driver.find_elements_by_class_name("list-item-header"):
    featured_today_names.append(x.text)
    print(x.text)
```

1. Arrow (2012–2020)
2. The Tomorrow War (2021)
3. Luxe Listings Sydney (2021–)
4. Jack Reacher: Never Go Back (2016)
5. Paranormal Activity: The Ghost Dimension (2015)
6. Gossip Girl (2007–2012)
7. Teenage Mutant Ninja Turtles: Out of the Shadows (2016)
8. Toofaan (2021)
9. Making the Cut (2020–)

```
In [54]: # an array can be converted into a pandas dataframe

df_featured_today_names = pd.DataFrame(featured_today_names)

# the dataframe is then converted into a csv file

df_featured_today_names.to_csv("featured_today_names.csv")
```