

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

```
In [8]: from bs4 import BeautifulSoup
```

```
In [9]: url = "https://www.cnn.com/world/?region=world"
```

```
In [13]: import requests
r = requests.get(url)
r
```

```
Out[13]: <Response [200]>
```

```
In [14]: soup = BeautifulSoup(r.content)
```

```
In [21]: Headlines = []
```

```
In [22]: #first_title = soup.find("div", class_="rankings-block__banner--name")
```

```
In [23]: for i in soup.find_all("a", class_="LatestNews-headline"):
    Headlines.append(i.text)
```

```
In [24]: Headlines
```

```
Out[24]: ['Goldman says buy these kinds of stocks as firm sours on overall market amid rate surge',
          "Costco isn't raising membership fees after earnings beat expectations",
          "Mass protests in Iran, sparked by woman's death in police custody, is the regime's biggest challenge in years",
          'One thing this millennial business owner says any entrepreneur should splurge on',
          'JetBlue ground operations workers seek union vote, major labor group says',
          "Buy these 'free cash flow favorites' as the S&P 500 prepares to test June lows",
          "Google CEO Pichai tells employees not to 'equate fun with money' in all-hands meeting ",
          'What Cramer is watching – 2-year yield unstoppable as stocks to retest June lows',
          "Markets don't like U.K. stimulus plan because they fear inflation above all now",
          "Here are Friday's biggest analyst calls: Apple, Tesla, Coinbase, Domino's",
          "Inflation Reduction Act's expanded biofuel incentives raise concerns about fraud",
          'Getting married? How to know when to combine your finances',
          'Stocks making the biggest moves premarket: FedEx, Costco, Boeing and more',
          "Wedbush upgrades fuboTV to outperform citing 'compelling entry point'",
          '5 things to know before the stock market opens Friday',
          'Finding yield in health care stocks during the market storm',
          'British pound plunges, bonds sink after government announces tax cuts',
          "Goldman cuts S&P target to 3,600, sees it falling even further in 'hard landing'",
          "BMO upgrades Domino's Pizza, predicts 35% rebound in struggling stock",
          'UK government dishes out tax cuts as country braces for recession',
          "Referendums begin in Ukraine's occupied regions; border lines grow as Russians flee military call-up",
          '10-year Treasury yield falls as markets digest Fed rate hike',
          "Putin's nuclear threats raise the risk of an unprecedented disaster",
          'Steve Hanke says the chance of a U.S. recession just shot up to 80%',
          'European stocks slide 2.8% after weak euro zone data, new UK economic plan',
          'Electric vehicle sales set to hit an all-time high in 2022, IEA says',
          'HSBC warns investors to avoid European stocks',
          "U.S. rates may be rising, but Asia won't see a 1997-like crisis, analysts say",
          'Fund manager names 2 UK stocks he says look very attractive right now',
          'Credit Suisse says buy stocks with this characteristic popularized by Buffett']
```

```
In [29]: len(Headlines)
```

```
Out[29]: 30
```

```
In [25]: Time = []
```

```
In [26]: for i in soup.find_all("time", class_="LatestNews-timestamp"):
          Time.append(i.text)
```

```
In [27]: Time
```

```
Out[27]: ['5 Min Ago',  
         '38 Min Ago',  
         '55 Min Ago',  
         '57 Min Ago',  
         '59 Min Ago',  
         '2 Hours Ago',  
         '2 Hours Ago',  
         '2 Hours Ago',  
         '2 Hours Ago',  
         '2 Hours Ago',  
         '2 Hours Ago',  
         '2 Hours Ago',  
         '3 Hours Ago',  
         '3 Hours Ago',  
         '3 Hours Ago',  
         '4 Hours Ago',  
         '4 Hours Ago',  
         '5 Hours Ago',  
         '5 Hours Ago',  
         '6 Hours Ago',  
         '6 Hours Ago',  
         '6 Hours Ago',  
         '7 Hours Ago',  
         '8 Hours Ago',  
         '8 Hours Ago',  
         '9 Hours Ago',  
         '10 Hours Ago',  
         '10 Hours Ago',  
         '11 Hours Ago',  
         '12 Hours Ago']
```

```
In [30]: len(Time)
```

```
Out[30]: 30
```

```
In [47]: news_link = []
```

```
In [48]: for i in soup.find_all("a", class_ = "LatestNews-headline"):  
         news_link.append(i.get("href"))
```

```
In [49]: news_link
```

```
Out[49]: ['https://www.cnbc.com/2022/09/23/goldman-says-buy-these-kinds-of-stocks-as-firm-sour
s-on-overall-market-amid-rate-surge.html',
'https://www.cnbc.com/2022/09/23/costco-maintains-membership-fees-after-earnings-bea
t-expectations.html',
'https://www.cnbc.com/2022/09/23/mass-protests-in-iran-is-the-regimes-biggest-challe
nge-in-years.html',
'https://www.cnbc.com/2022/09/23/millennial-business-owner-says-any-entrepreneur-sho
uld-splurge-on-this-one-thing.html',
'https://www.cnbc.com/2022/09/23/jetblue-fleet-service-workers-seek-union-vote.htm
l',
'https://www.cnbc.com/2022/09/23/buy-these-free-cash-flow-favorites-as-the-sp-500-pr
epares-to-test-june-lows.html',
'https://www.cnbc.com/2022/09/23/google-ceo-pichai-fields-questions-on-cost-cuts-at-
all-hands-meeting-.html',
'https://www.cnbc.com/2022/09/23/what-cramer-is-watching-friday-2-year-yield-unstopp
able-as-stocks-to-retest-june-lows.html',
'https://www.cnbc.com/2022/09/23/-financial-markets-reject-uk-stimulus-because-they-
fear-inflation.html',
'https://www.cnbc.com/2022/09/23/here-are-fridays-biggest-analyst-calls-apple-tesla-
coinbase-dominos-costco-meta-more.html',
'https://www.cnbc.com/2022/09/23/inflation-reduction-acts-expanded-biofuel-incentive
s-raise-concerns-about-fraud.html',
'https://www.cnbc.com/2022/09/23/how-to-know-when-its-time-to-combine-your-and-your-
partners-finances.html',
'https://www.cnbc.com/2022/09/23/stocks-making-the-biggest-moves-premarket-fedex-cos
tco-boeing-and-more.html',
'https://www.cnbc.com/2022/09/23/wedbush-upgrades-fubotv-to-outperform-citing-compel
ling-entry-point-after-stock-pullback.html',
'https://www.cnbc.com/2022/09/23/5-things-to-know-before-the-stock-market-opens-frid
ay-september-23.html',
'https://www.cnbc.com/2022/09/23/finding-yield-in-health-care-stocks-during-the-mark
et-storm.html',
'https://www.cnbc.com/2022/09/23/british-pound-plunges-to-fresh-37-year-low-of-1poin
t10-.html',
'https://www.cnbc.com/2022/09/23/goldman-cuts-year-end-sp-500-target-to-3600-sees-it
-falling-even-further-in-hard-landing.html',
'https://www.cnbc.com/2022/09/23/bmo-upgrades-dominos-pizza-predicts-35percent-rebou
nd-in-struggling-stock.html',
'https://www.cnbc.com/2022/09/23/uk-government-dishes-out-tax-cuts-as-country-braces
-for-recession.html',
'https://www.cnbc.com/2022/09/23/russia-ukraine-live-updates.html',
'https://www.cnbc.com/2022/09/23/10-year-treasury-yield-falls-as-markets-digest-fed-
rate-hike.html',
'https://www.cnbc.com/2022/09/23/russia-ukraine-war-putins-nuclear-threats-raise-the
-risk-of-disaster.html',
'https://www.cnbc.com/2022/09/23/there-is-an-80percent-chance-of-the-us-going-into-a
-recession-steve-hanke.html',
'https://www.cnbc.com/2022/09/23/european-stocks-expected-to-open-in-the-green-as-in
vestors-digest-central-bank-moves-.html',
'https://www.cnbc.com/2022/09/23/electric-vehicle-ev-sales-set-to-hit-an-all-time-hi
gh-in-2022-iea-says.html',
'https://www.cnbc.com/2022/09/23/hsbc-warns-investors-to-avoid-european-stocks-in-th
e-search-for-value.html',
'https://www.cnbc.com/2022/09/23/analysts-discuss-us-interest-rates-dollar-asian-fin
ancial-crisis.html',
'https://www.cnbc.com/2022/09/23/fund-manager-names-2-uk-stocks-he-says-look-very-at
tractive-right-now.html',
'https://www.cnbc.com/2022/09/23/credit-suisse-says-buy-stocks-with-this-characteris
tic-popularized-by-warren-buffett.html']
```

```
In [50]: len(news_link)
```

```
Out[50]: 30
```

```
In [51]: import pandas as pd
```

```
In [72]: pd.set_option("display.max_colwidth",1)
```

```
In [73]: df = pd.DataFrame({"Headlines": Headlines, "Time": Time , "News Link":news_link })
```

```
In [74]: df.index +=1
```

```
In [75]: df
```

Out[75]:

	Headlines	Time	News Link
1	Goldman says buy these kinds of stocks as firm sours on overall market amid rate surge	5 Min Ago	https://www.cnbc.com/2022/09/23/goldman-says-buy-these-kinds-of-stocks-as-firm-sours-on-overall-market-amid-rate-surge.html
2	Costco isn't raising membership fees after earnings beat expectations	38 Min Ago	https://www.cnbc.com/2022/09/23/costco-maintains-membership-fees-after-earnings-beat-expectations.html
3	Mass protests in Iran, sparked by woman's death in police custody, is the regime's biggest challenge in years	55 Min Ago	https://www.cnbc.com/2022/09/23/mass-protests-in-iran-is-the-regimes-biggest-challenge-in-years.html
4	One thing this millennial business owner says any entrepreneur should splurge on	57 Min Ago	https://www.cnbc.com/2022/09/23/millennial-business-owner-says-any-entrepreneur-should-splurge-on-this-one-thing.html
5	JetBlue ground operations workers seek union vote, major labor group says	59 Min Ago	https://www.cnbc.com/2022/09/23/jetblue-fleet-service-workers-seek-union-vote.html
6	Buy these 'free cash flow favorites' as the S&P 500 prepares to test June lows	2 Hours Ago	https://www.cnbc.com/2022/09/23/buy-these-free-cash-flow-favorites-as-the-sp-500-prepares-to-test-june-lows.html
7	Google CEO Pichai tells employees not to 'equate fun with money' in all-hands meeting	2 Hours Ago	https://www.cnbc.com/2022/09/23/google-ceo-pichai-fields-questions-on-cost-cuts-at-all-hands-meeting-.html
8	What Cramer is watching — 2-year yield unstoppable as stocks to retest June lows	2 Hours Ago	https://www.cnbc.com/2022/09/23/what-cramer-is-watching-friday-2-year-yield-unstoppable-as-stocks-to-retest-june-lows.html
9	Markets don't like U.K. stimulus plan because they fear inflation above all now	2 Hours Ago	https://www.cnbc.com/2022/09/23/-financial-markets-reject-uk-stimulus-because-they-fear-inflation.html
10	Here are Friday's biggest analyst calls: Apple, Tesla, Coinbase, Domino's	2 Hours Ago	https://www.cnbc.com/2022/09/23/here-are-fridays-biggest-analyst-calls-apple-tesla-coinbase-dominos-costco-meta-more.html
11	Inflation Reduction Act's expanded biofuel incentives raise concerns about fraud	2 Hours Ago	https://www.cnbc.com/2022/09/23/inflation-reduction-acts-expanded-biofuel-incentives-raise-concerns-about-fraud.html
12	Getting married? How to know when to combine your finances	2 Hours Ago	https://www.cnbc.com/2022/09/23/how-to-know-when-its-time-to-combine-your-and-your-partners-finances.html
13	Stocks making the biggest moves premarket: FedEx, Costco, Boeing and more	3 Hours Ago	https://www.cnbc.com/2022/09/23/stocks-making-the-biggest-moves-premarket-fedex-costco-boeing-and-more.html
14	Wedbush upgrades fuboTV to outperform citing 'compelling entry point'	3 Hours Ago	https://www.cnbc.com/2022/09/23/wedbush-upgrades-fubotv-to-outperform-citing-compelling-entry-point-after-stock-pullback.html
15	5 things to know before the stock market opens Friday	3 Hours Ago	https://www.cnbc.com/2022/09/23/5-things-to-know-before-the-stock-market-opens-friday-september-23.html

	Headlines	Time	News Link
16	Finding yield in health care stocks during the market storm	4 Hours Ago	https://www.cnbc.com/2022/09/23/finding-yield-in-health-care-stocks-during-the-market-storm.html
17	British pound plunges, bonds sink after government announces tax cuts	4 Hours Ago	https://www.cnbc.com/2022/09/23/british-pound-plunges-to-fresh-37-year-low-of-1point10-.html
18	Goldman cuts S&P target to 3,600, sees it falling even further in 'hard landing'	5 Hours Ago	https://www.cnbc.com/2022/09/23/goldman-cuts-year-end-sp-500-target-to-3600-sees-it-falling-even-further-in-hard-landing.html
19	BMO upgrades Domino's Pizza, predicts 35% rebound in struggling stock	5 Hours Ago	https://www.cnbc.com/2022/09/23/bmo-upgrades-dominos-pizza-predicts-35percent-rebound-in-struggling-stock.html
20	UK government dishes out tax cuts as country braces for recession	6 Hours Ago	https://www.cnbc.com/2022/09/23/uk-government-dishes-out-tax-cuts-as-country-braces-for-recession.html
21	Referendums begin in Ukraine's occupied regions; border lines grow as Russians flee military call-up	6 Hours Ago	https://www.cnbc.com/2022/09/23/russia-ukraine-live-updates.html
22	10-year Treasury yield falls as markets digest Fed rate hike	6 Hours Ago	https://www.cnbc.com/2022/09/23/10-year-treasury-yield-falls-as-markets-digest-fed-rate-hike.html
23	Putin's nuclear threats raise the risk of an unprecedented disaster	7 Hours Ago	https://www.cnbc.com/2022/09/23/russia-ukraine-war-putins-nuclear-threats-raise-the-risk-of-disaster.html
24	Steve Hanke says the chance of a U.S. recession just shot up to 80%	8 Hours Ago	https://www.cnbc.com/2022/09/23/there-is-an-80percent-chance-of-the-us-going-into-a-recession-steve-hanke.html
25	European stocks slide 2.8% after weak euro zone data, new UK economic plan	8 Hours Ago	https://www.cnbc.com/2022/09/23/european-stocks-expected-to-open-in-the-green-as-investors-digest-central-bank-moves-.html
26	Electric vehicle sales set to hit an all-time high in 2022, IEA says	9 Hours Ago	https://www.cnbc.com/2022/09/23/electric-vehicle-ev-sales-set-to-hit-an-all-time-high-in-2022-iea-says.html
27	HSBC warns investors to avoid European stocks	10 Hours Ago	https://www.cnbc.com/2022/09/23/hsbc-warns-investors-to-avoid-european-stocks-in-the-search-for-value.html
28	U.S. rates may be rising, but Asia won't see a 1997-like crisis, analysts say	10 Hours Ago	https://www.cnbc.com/2022/09/23/analysts-discuss-us-interest-rates-dollar-asian-financial-crisis.html
29	Fund manager names 2 UK stocks he says look very attractive right now	11 Hours Ago	https://www.cnbc.com/2022/09/23/fund-manager-names-2-uk-stocks-he-says-look-very-attractive-right-now.html
30	Credit Suisse says buy stocks with this characteristic popularized by Buffett	12 Hours Ago	https://www.cnbc.com/2022/09/23/credit-suisse-says-buy-stocks-with-this-characteristic-popularized-by-warren-buffett.html

