
 a01.py X



1004 >  a01.py

```
1  import requests
2
3  url = 'https://rate.bot.com.tw/xrt/flcsv/0/day'
4  rate = requests.get(url)
5  rate.encoding = 'utf-8'
6  rt = rate.text
7  rts = rt.split('\n')
8  for i in rts:
9      try:
10         a = i.split(',')
11         print(a[0] + ': ' + a[12])
12     except:
13         break
```

 a02.py X



1004 >  a02.py

```
1  from urllib.request import urlopen
2  from bs4 import BeautifulSoup
3
4  html = urlopen('https://www.lhu.edu.tw/')
5  bs = BeautifulSoup(html.read(), 'html.parser')
6  print(bs.h1)
7
```

 a03.py 

1004 >  a03.py

```
1  from urllib.request import urlopen
2  from bs4 import BeautifulSoup
3
4  html = urlopen('https://rate.bot.com.tw/xrt?Lang=zh-TW')
5  bs = BeautifulSoup(html.read(), 'html.parser')
6
7
8  title = bs.find_all("div", {"class": "visible-phone print_hide"})
9
10 print(title)
11
```



 a04.py 

1004 >  a04.py

```
1  from urllib.request import urlopen
2  from bs4 import BeautifulSoup
3
4  html = urlopen('https://rate.bot.com.tw/xrt?Lang=zh-TW')
5  bs = BeautifulSoup(html.read(), 'html.parser')
6
7
8  title = bs.find_all("div", {"class": "visible-phone print_hide"})
9
10
11 for element in title:
12     print(element.decode_contents().strip())
13
```

1004 &gt; a05.py

```
1  from urllib.request import urlopen
2  from bs4 import BeautifulSoup
3
4  html = urlopen('https://rate.bot.com.tw/xrt?Lang=zh-TW')
5  bs = BeautifulSoup(html.read(), 'html.parser')
6
7  title = bs.find_all("div", {"class": "visible-phone print_hide"})
8  results = bs.select('td[data-table="本行現金賣出"]')
9  content = bs.find_all(results, {"class": "rate-content-cash text-right print_hide"})
10
11  linktitle = []
12  linkcontent = []
13  for l in title:
14      l = l.decode_contents().strip()
15      linktitle.append(l)
16  #print(len(linktitle))
17  #print(linktitle)
18
19  for l in results:
20      #l = l.decode_contents().strip()
21      linkcontent.append(l.get_text())
22  finalAns = dict(zip(linktitle, linkcontent[:2]))
23  print(finalAns)
24  print(type(finalAns))
25
26  print('查詢: 0->美金, 1->港幣')
27  a = input('輸入:')
28  if a == '0':
29      print(finalAns['美金 (USD)'])
30  elif a == '1':
31      print(finalAns['港幣 (HKD)'])
32
```

 a06.py 

1004 >  a06.py

```
1  import requests
2  url = 'https://invoice.etax.nat.gov.tw/index.html'
3  web = requests.get(url)
4  web.encoding='utf-8'
5
6  from bs4 import BeautifulSoup
7  soup = BeautifulSoup(web.text, "html.parser")
8  td = soup.select('.container-fluid')[0].select('.etw-tbiggest')
9  ns = td[0].getText()
10 n1 = td[1].getText()
11
12 n2 = [td[2].getText()[-8:], td[3].getText()[-8:], td[4].getText()[-8:]]
13 print(ns)
14 print(n1)
15 print(n2)
```

1004 &gt; a07.py

```
1  from urllib.request import urlopen
2  from bs4 import BeautifulSoup
3
4  def fA(url):
5      linkcontent=[]
6      f=[]
7      html = urlopen(url)
8      bs = BeautifulSoup(html.read(), 'html.parser')
9      title = bs.find_all("div", {"class":"col-12 mb-3"})
10     n0 = title[0].getText()
11     n1 = title[1].getText()
12     f0 = title[2].getText()
13     f1 = title[3].getText()
14     f2 = title[4].getText()
15     print(n0)
16     print(n1)
17     print(f0)
18     print(f1)
19     print(f2)
20
21     url5='https://www.etax.nat.gov.tw/etw-main/ETW183W2_11305/'
22     url3='https://www.etax.nat.gov.tw/etw-main/ETW183W2_11303/'
23     url1='https://www.etax.nat.gov.tw/etw-main/ETW183W2_11301/'
24     print('查詢:按1->(1月-2月),按2->(3月-4月),按3->(5月-6月)')
25     a=input('輸入:')
26     if a=='1':
27         fA(url1)
28     elif a=='2':
29         fA(url3)
30     elif a=='3':
31         fA(url5)
32
```

a08.py X

1004 > a08.py

```
1 import requests
2 from bs4 import BeautifulSoup
3
4 url = 'https://water.taiwanstat.com/'
5 web = requests.get(url)
6 soup = BeautifulSoup(web.text, "html.parser")
7 reservoir = soup.select('.reservoir')
8 for i in reservoir:
9     print(i.find('div', class_='name').get_text(), end=' ')
10    print(i.find('h5').get_text(), end=' ')
11    print()
```

a09.py X

1025 > python > a09.py

```
1 import requests
2 from bs4 import BeautifulSoup
3
4 def fA(info):
5     url = 'https://tw.stock.yahoo.com/quote/'+info+'.TW'
6     web = requests.get(url)
7     soup = BeautifulSoup(web.text, "html.parser")
8     #title = soup.find('h1')
9     title = soup.select('.Fw\b')[0]
10    a = soup.select('.Fz\b(32px\b)')[0]
11    b = soup.select('.Fz\b(20px\b)')[0]
12    s = ''
13
14    try:
15
16        if soup.select('#main-0-QuoteHeader-Proxy')[0].select('.C\b($c-trend-down\b)')[0]:
17            s = '-'
18    except:
19        try:
20
21            if soup.select('#main-0-QuoteHeader-Proxy')[0].select('.C\b($c-trend-up\b)')[0]:
22                s = '+'
23            except:
24
25                s = '-'
26
27    print(f'{title.get_text()} : {a.get_text()} ( {s}{b.get_text()} )')
28    print('輸入股票號碼:')
29    a=input('輸入:')
30    fA(a)
31
```