a01.py

1004 > a01.py

```python
import requests

url = 'https://rate.bot.com.tw/xrt/flcsv/0/day'
rate = requests.get(url)
rate.encoding = 'utf-8'
rt = rate.text
rts = rt.split('\n')
for i in rts:
    try:
        a = i.split(',')
        print(a[0] + ': ' + a[12])
    except:
      break
```

a02.py

1004 > a02.py

```python
from urllib.request import urlopen
from bs4 import BeautifulSoup

html = urlopen('https://www.lhu.edu.tw/')
bs = BeautifulSoup(html.read(), 'html.parser')
print(bs.h1)

```

a03.py

1004 > a03.py

```python
from urllib.request import urlopen
from bs4 import BeautifulSoup

html = urlopen('https://rate.bot.com.tw/xrt?Lang=zh-TW')
bs = BeautifulSoup(html.read(), 'html.parser')


title =bs.find_all("div", {"class":"visible-phone print_hide"})

print(title)

```

a04.py

1004 > a04.py

```python
from urllib.request import urlopen
from bs4 import BeautifulSoup

html = urlopen('https://rate.bot.com.tw/xrt?Lang=zh-TW')
bs = BeautifulSoup(html.read(), 'html.parser')


title =bs.find_all("div", {"class":"visible-phone print_hide"})

for element in title:
    print(element.decode_contents().strip())

```

a05.py

1004 > a05.py

```python
from urllib.request import urlopen
from bs4 import BeautifulSoup

html = urlopen('https://rate.bot.com.tw/xrt?Lang=zh-TW')
bs = BeautifulSoup(html.read(), 'html.parser')

title =bs.find_all("div", {"class":"visible-phone print_hide"})
results = bs.select('td[data-table="本行現金賣出"]')
content=bs.find_all(results, {"class":"rate-content-cash text-right print_hide"})

linktitle=[]
linkcontent=[]
for l in title:
    l = l.decode_contents().strip()
    linktitle.append(l)
#print(len(linktitle))
#print(linktitle)

for l in results:
    #l = l.decode_contents().strip()
    linkcontent.append(l.get_text())
finalAns=dict(zip(linktitle,linkcontent[::2]))
print(finalAns)
print(type(finalAns))

print('查詢:0->美金,1->港幣')
a=input('輸入:')
if a=='0':
    print(finalAns['美金 (USD)'])
elif a=='1':
    print(finalAns['港幣 (HKD)'])

```

a06.py

1004 > a06.py

```python
import requests
url = 'https://invoice.etax.nat.gov.tw/index.html'
web = requests.get(url)
web.encoding='utf-8'

from bs4 import BeautifulSoup
soup = BeautifulSoup(web.text, "html.parser")
td = soup.select('.container-fluid')[0].select('.etw-tbiggest')
ns = td[0].getText()
n1 = td[1].getText()

n2 = [td[2].getText()[-8:], td[3].getText()[-8:], td[4].getText()[-8:]]
print(ns)
print(n1)
print(n2)
```

a07.py

1004 > a07.py

```python
from urllib.request import urlopen
from bs4 import BeautifulSoup

def fA(url):
    linkcontent=[]
    f=[]
    html = urlopen(url)
    bs = BeautifulSoup(html.read(), 'html.parser')
    title =bs.find_all("div", {"class":"col-12 mb-3"})
    n0 = title[0].getText()
    n1 = title[1].getText()
    f0 = title[2].getText()
    f1 = title[3].getText()
    f2 = title[4].getText()
    print(n0)
    print(n1)
    print(f0)
    print(f1)
    print(f2)

url5='https://www.etax.nat.gov.tw/etw-main/ETW183W2_11305/'
url3='https://www.etax.nat.gov.tw/etw-main/ETW183W2_11303/'
url1='https://www.etax.nat.gov.tw/etw-main/ETW183W2_11301/'
print('查詢:按1->(1月-2月)，按2->(3月-4月),按3->(5月-6月)')
a=input('輸入:')
if a=='1':
    fA(url1)
elif a=='2':
    fA(url3)
elif a=='3':
    fA(url5)

```

Ln 15, Col 1 Spaces: 4 UTF-8 CRLF

a08.py

1004 > a08.py

```python
import requests
from bs4 import BeautifulSoup

url = 'https://water.taiwanstat.com/'
web = requests.get(url)
soup = BeautifulSoup(web.text, "html.parser")
reservoir = soup.select('.reservoir')
for i in reservoir:
    print(i.find('div', class_='name').get_text(), end=' ')
    print(i.find('h5').get_text(), end=' ')
    print()
```

a09.py

1004 > a09.py

```python
import requests
from bs4 import BeautifulSoup

def fA(info):
    url = 'https://tw.stock.yahoo.com/quote/'+info
    web = requests.get(url)
    soup = BeautifulSoup(web.text, "html.parser")
    title = soup.find('h1')
    a = soup.select('.Fz\(32px\)')[0]
    b = soup.select('.Fz\(20px\)')[0]
    s = ''

    try:

        if soup.select('#main-0-QuoteHeader-Proxy')[0].select('.C\(\$c-trend-down\)')[0]:
            s = '-'
    except:
                try:

                    if soup.select('#main-0-QuoteHeader-Proxy')[0].select('.C\(\$c-trend-up\)')[0]:
                        s = '+'
                except:
                    s = '-'

    print(f'{title.get_text()} : {a.get_text()} ( {s}{b.get_text()} )')

print('輸入股票號碼:')
a=input('輸入:')
fA(a)

```