How to use?

Structure

Only three files are useful, please keep this structure.

```
main function is here!
AutoNoticeSpider.py

    README.md

quotes.json

    scrapy.cfg

                             Email relates code.
sender.py
- tutorial
  \vdash __init__.py

    __pycache__

      __init__.cpython-36.pyc

— settings.cpython-36.pyc

    items.py

    middlewares.py

    pipelines.py

    settings.py

    spiders

— __init__.py

         __pycache__
             __init__.cpython-36.pyc
             quotes_spider.cpython-36.pyc
                                         This is spider!
         quotes_spider.py
```

Set up

A. AutoNoticeSpider.py — no need to modify.

B. sender.py — three places need to be modified.

```
password = 'asdfasdfasdf' # pwd for testonly@gmail.com
receiver_email = "yourPersonalEmail@gmail.com" # Enter receiver address, usually your personal address.

-- sender_email
The most easiest way is to apply a new gmail.
* Create a new Google account.
* Turn Allow less secure apps to ON. Be aware that this makes it easier for others to gain access to your account.
(https://myaccount.google.com/lesssecureapps)
-- password
It's the sender's password.
-- receiver_email
It's your personal email, you want to use this one to receive the result.
```

C. quotes_spider.py — two places need to be modified.

sender_email = "testonly@gmail.com" # Enter sender address

```
caseId = 1234567
num = 2
```

```
-- caseId
the case id you want to check.
case id format: z1234567, only put the number part here.

-- num
Batch check is supported.
It is a search range which bases on caseId.
e.g.:
if num is 2, caseId is z1234567, two cases will be checked, they are z1234567 and z1234568.
```

Install related python package on your PC before run this code

- A. Python 3: https://realpython.com/installing-python/
- B. Scrapy: https://docs.scrapy.org/en/latest/intro/install.html

Run Run Run!

```
AutoNoticeSpider.py
README.md
                         root
quotes.json
scrapy.cfg
sender.py
tutorial
  - __init__.py
   __pycache_
    __init__.cpython-36.pyc
    settings.cpython-36.pyc
  items.py

    middlewares.py

    pipelines.py

   settings.py
   spiders
    ├─ __init__.py
       __pycache__
        __init__.cpython-36.pyc
        quotes_spider.cpython-36.pyc
      quotes_spider.py
```

```
Go to root of this project, then run this,

$ python AutoNoticeSpider.py

Check your email!

You can set a system timer to run this code repeatedly.
```

```
(master *) tutorial $ python AutoNoticeSpider.py
quotes.json is deleted successful!
Grab data, Done!
Send email, Done!
```

More details

email related info: https://realpython.com/python-send-email/#sending-your-

plain-text-email

CSS filter: http://scrapingauthority.com/2016/09/07/xpath-and-css-selectors/