## 金融计算与编程第六周学习笔记

1. 把 environment.yml 文件复制到 week06,字符串不能比较,要转换成整数。

2. 函数没有返回值,没有 return。

不能有两个 return。

位置形参里面得给数。可以按照位置形参传,也可以按照命名形参传。位置参数必须排在命名参数之前。/会限定前面的只能按照位置传实参。\* 限定只接受命名实参的形参。

3. 类型注解没有什么约束力。

4. 小版本升级一般有就赶紧升,一般是修复 bug,大版本一定要小心。

```
1  [project]
2  name = "mypackage"
3  version = "3.12.24"
4  dependencies = [
5     "httpx",
6     "gidgethub[httpx]>4.0.0",
7     "django>2.1; os_name != 'nt'",
8     "django>2.0; os_name == 'nt'",
9  ]
```

## 5. 安装不了:

```
ASUSO%C: MINGW64 ~/repo/week06 (main)

$ pip install -e .
Looking in indexes: https://mirrors.tuna.tsinghua.edu.cn/pypi/web/simple
Obtaining file:///C:/Users/ASUS/repo/week06
Installing build dependencies ... done
Checking if build backend supports build_editable ... done
Getting requirements to build editable ... done
Installing backend dependencies ... done
Preparing editable metadata (pyproject.toml) ... done
INFO: pip is looking at multiple versions of mypackage to determine which version
n is compatible with other requirements. This could take a while.
ERROR: Could not find a version that satisfies the requirement openpyx1 (from my
package) (from versions: none)
ERROR: No matching distribution found for openpyx1
(week06)
```

## 采用 pip install openpyxl, pip install -e .解决了问题。

```
ASUSONC MINGW64 ~/repo/week06 (main)
$ pip install openpyxl
pip install openpyxl
pip install -e ...
Looking in indexes: https://mirrors.tuna.tsinghua.edu.cn/pypi/web/simple
Collecting openpyxl
Downloading https://mirrors.tuna.tsinghua.edu.cn/pypi/web/packages/c0/da/977de
d879c29cbd04de313843e76868e6e13408a94ed6b987245dc7c8506/openpyxl-3.1.5-py2.py3-n
one-any.whl (250 kB)
Collecting et-xmlffile (from openpyxl)
Downloading https://mirrors.tuna.tsinghua.edu.cn/pypi/web/packages/c1/8b/5fe2c
c11fee489817272089o2d03e679c63b570a5aaeb18d852ae3cbba6a/et_xmlfile-2.0.0-py3-non
e-any.whl (18 kB)
Installing collected packages: et-xmlfile, openpyxl
Successfully installed et-xmlfile-2.0.0 openpyxl-3.1.5
Looking in indexes: https://mirrors.tuna.tsinghua.edu.cn/pypi/web/simple
Obtaining file://iC/Users/ASUS/repo/week06
Installing build dependencies ... done
Checking if build backend supports build_editable ... done
Getting requirements to build editable ... done
Installing backend dependencies ... done
Preparing editable metadata (pyproject.toml) ... done
Requirement already satisfied: openpyxl in c:\users\asus\anaconda3\envs\week06\langle
lib\site-packages (from mypackage=0.1.1) (3.1.5)
Requirement already satisfied: et-xmlfile in c:\users\asus\anaconda3\envs\week06\langle
lib\site-packages (from openpyxl->mypackage=0.1.1) (2.0.0)
Building wheels for collected packages: mypackage
Building editable for mypackage (fleamme=mypackage -0.1.1-py2.py3-none-any.whl siz
e=7210 sha256=908f4d4f40e64ac2e8b489654ffe19f5e1807b536507c02cfe4a328f9c4225a8
Stored in directory: C:\Users\aSUS\AppData\Local\Temp\pip-ephem-wheel-cache-ng
cj8j9\\wheels\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\ablab\cf\abla
```