Day1

1.print("Hello, Python!")

2.计算式

def calculator():

... print("欢迎使用简单计算器！")

... print("可用操作：加 (+), 减 (-), 乘 (\*), 除 (/)")

...

... try:

... # 输入两个数字

... num1 = float(input("请输入第一个数字: "))

... operator = input("请输入操作符 (+, -, \*, /): ")

... num2 = float(input("请输入第二个数字: "))

...

... # 根据操作符执行运算

... if operator == '+':

... result = num1 + num2

... elif operator == '-':

... result = num1 - num2

... elif operator == '\*':

... result = num1 \* num2

... elif operator == '/':

... if num2 != 0:

... result = num1 / num2

... else:

... print("错误：除数不能为零！")

... return

... else:

... print("无效的操作符！")

... return

...

... print(f"结果: {num1} {operator} {num2} = {result}")

... except ValueError:

... print("输入无效，请输入数字！")

...

>>> # 调用函数

>>> calculator()

Day2

统计文本

# -\*- coding: UTF-8 -\*-

text = input("请输入一个字符串: ")

find\_text = input("请输入您要找的字符: ")

print("%s出现了%d次" % (find\_text, text.count(find\_text)))

Day3

读取csv并根据字段生成字典索引

import csv

csvFile = open("1.csv","r")

reader = csv.reader(csvFile)

a = list(reader)

for i in a:

print(i)

Day4

日志过滤脚本

import re

pattern = re.compile('.\*ERROR.\*')

with open('2.csv', 'r') as f:

for line in f.readlines():

if pattern.match(line):

print(line)