# 引用必要套件

import firebase\_admin

from firebase\_admin import credentials

#from firebase\_admin import firestore

from firebase\_admin import db

#import matplotlib.pyplot as plt

#import pandas as pd

#import numpy as np

import json

import datetime

from datetime import date

import tkinter as tk

# 引入訊息視窗模組

import tkinter.messagebox

# 引用私密金鑰

# path/to/serviceAccount.json 請用自己存放的路徑

cred = credentials.Certificate('/Users/home/Desktop/python/outdata-6457c-firebase-adminsdk-2miud-7b496d14a7 (1).json')

# 初始化firebase，注意不能重複初始化

firebase\_admin.initialize\_app(cred,{

'databaseURL':'https://outdata-6457c.firebaseio.com'})

def readdate(dateset):#讀取(位置+標籤)####

ref=db.reference(dateset)

#print(ref.get())

return(ref.get())

def update(dateset,datenames,date):##建立 位置/標籤/資料/

ref=db.reference(dateset)

ref.update({datenames:date})

def deldate(dateset):#刪除位置(位置+標籤)

ref=db.reference(dateset)

ref.set({})

def show\_goods(Atemp):#產品顯示####

print()

for i in range(len(Atemp)):

if i==1:

print(list1[i],"-----",Atemp[i]

,"\_\_\_\_\_\_","加稅價","-----","{:.2f}".format(float(Atemp[i])\*1.05))

else:

print(list1[i],"-----",Atemp[i])

def firebase\_get(a):#拿firebase資料####

date\_temp = json.loads(readdate(a))

#print(date\_temp)

return(date\_temp)

def show\_number(a,fix):#尋找標號 及 標籤###

a=a

fix=fix

for i in range(2,goods\_a+1):

d1=date\_temp.get(str(i))

d2=json.loads(d1)

if(a==d2[4]):

lable=str(i)#lable標籤

one\_goods\_temp=d2#資料陣列 是本機資料 非電腦資料

#print(one\_goods\_temp)

#print(d2,fix,path\_goods,lable)

show\_one\_good(d2,fix,path\_goods,lable)

#show\_goods(d2)

def show\_one\_good(Atemp,fix,path,lable):#印出品項與修改###

path=path

lable=lable

fix=fix

Atemp=Atemp

#print(Atemp,fix,path\_goods,lable)

if fix==0:

for i in range(len(Atemp)):

if i==1:

print(list1[i],"-----",Atemp[i],"\_\_\_\_\_\_",

"加稅價","-----","{:.2f}".format(float(Atemp[i])\*1.05))

else:

print(list1[i],"-----",Atemp[i])

else:

for i in range(len(Atemp)):

if i==1:

print(list1[i],"-----",Atemp[i],"\_\_\_\_\_\_",

"加稅價","-----","{:.2f}".format(float(Atemp[i])\*1.05))

else:

print(list1[i],"-----",Atemp[i])

print("\n需要修改 1: 要修改 2 :不須修改 3 :刪除產品資料 ",end="")

number\_b=(input())

#print("keyin=",type(number\_b))

while number\_b.isdigit()!=True :

print("\n需要修改 1: 要修改 2 :不須修改 3 :刪除產品資料 ",end='')

number\_b=(input())

number\_b=int(number\_b)

if number\_b==1 :

for i in range(len(Atemp)):

if i==1:

print(i+1,":",list1[i],"-----",Atemp[i],"\_\_\_\_\_\_",

"加稅價","-----","{:.2f}".format(float(Atemp[i])\*1.05))

else:

print(i+1,":",list1[i],"-----",Atemp[i])

print("\n需要修改的選項 選 9 : 結束 ",end="")

number=(input())

while number.isdigit()!=True:

print("\n需要修改的選項 選 9 : 結束 ",end='')

number=input()

number=int(number)

if number==9:

show\_one\_good(Atemp,0,path,lable)

else:

print(list1[number-1],"-----","(",Atemp[number-1],") ",end="")

Atemp[number-1]=input()

print()

show\_one\_good(Atemp,1,path,lable)

elif number\_b==3:

print("刪除資料 1: 確定刪除 2: 放棄刪除 ",end="")

number\_a=(input())

while number\_a.isdigit()!=True:

print("刪除資料 1: 確定刪除 2: 放棄刪除 ",end='')

number\_a=input()

#print(path\_goods,lable,goods\_a)

#print (path\_goods,type(lable),type(goods\_a))

number\_a=int(number\_a)

if number\_a==1:

if int(lable)==int(goods\_a):

deldate(path\_goods+lable)

update(path\_goods,'a',goods\_a-1)

print("del\_date")

else:

temp=readdate(path\_goods+str(goods\_a))

#print(temp)

update(path\_goods,lable,temp)

deldate(path\_goods+str(goods\_a))

update(path\_goods,'a',goods\_a-1)

print("del\_date")

else:

show\_one\_good(Atemp,0,path,lable)

Atemp=json.dumps(Atemp)

update(path,lable,Atemp)

print("update")

def geteveryday(begin\_date,end\_date):#計算日期天數###

date\_list = []

begin\_date = datetime.datetime.strptime(begin\_date, "%Y%m%d")

end\_date = datetime.datetime.strptime(end\_date,"%Y%m%d")

while begin\_date <= end\_date:

date\_str = begin\_date.strftime("%Y%m%d")

date\_list.append(date\_str)

begin\_date += datetime.timedelta(days=1)

return date\_list

def isValidDate(datestr):#是否日期格式###

try:

date.fromisoformat(datestr)

except:

return False

else:

return True

def show\_form(one\_list,count,y,x,last\_total):#印 交易明細用

y=y

x=x

last\_total=last\_total

one3\_list=one\_list[2]

print("日期 :",(one\_list[0]))

s1.cell(y,x).value =one\_list[0]

x=2

if count==0:

print("客戶 :",(one\_list[1]))

s1.cell(1,1).value ="客戶名稱 "

s1.cell(1,2).value =one\_list[1]

s1.cell(2,1).value ="日　期 "

s1.cell(2,2).value ="產　品　名　稱"

s1.cell(2,3).value ="數量"

s1.cell(2,4).value ="單位"

s1.cell(2,5).value ="單價"

s1.cell(2,6).value ="小計"

total=0

for i in range(len(one3\_list)):

total=total+one3\_list[i-1][4]

print("品名:",'{:15}'.format(one3\_list[i-1][0]) ,'%-5s' %one3\_list[i-1][1],one3\_list[i-1][2],

'單價','%-5s' %one3\_list[i-1][3],"小計:",'%-5s' %one3\_list[i-1][4])

s1.cell(y,x).value =one3\_list[i-1][0]

x=x+1

s1.cell(y,x).value =one3\_list[i-1][1]

x=x+1

s1.cell(y,x).value =one3\_list[i-1][2]

x=x+1

s1.cell(y,x).value =one3\_list[i-1][3]

x=x+1

s1.cell(y,x).value =one3\_list[i-1][4]

y=y+1

x=2

last\_total=last\_total+total

s1.cell(y,1).value="總計"

s1.cell(y,6).value=last\_total

print ("總計: ",total)

print("-------------------------------------------------------")

wb.save('form\_use.xlsx')

return total,y,last\_total

def show\_goods\_form(one\_list,flag,goods\_temp):#計算進出貨

temp=[]

goods\_temp=goods\_temp

one3\_list=one\_list[2]

for i in range(len(one3\_list)):

if flag==1:

temp.append(one3\_list[i-1][0])

temp.append(one3\_list[i-1][1])

temp.append(0)

else:

temp.append(one3\_list[i-1][0])

temp.append(0)

temp.append(one3\_list[i-1][1])

goods\_temp.append(temp)

temp=[]

return goods\_temp

def show\_one\_goods(one\_list,name,goods\_temp):#找單一產品在表單的數量####

temp=[]

name=name

goods\_temp=goods\_temp

one2=one\_list[1]

one3\_list=one\_list[2]

for i in range(len(one3\_list)):

if name== one3\_list[i][0] :

temp.append(one\_list[0])

temp.append(one\_list[1])

temp.append(one3\_list[i][1])

temp.append(one3\_list[i][2])

temp.append(one3\_list[i][3])

goods\_temp.append(temp)

temp=[]

return goods\_temp

def check\_goods(number,flag):#有相同產品名稱或相同編號####

number=number

flag=flag

for i in range(2,goods\_a+1):

d1=date\_temp.get(str(i))

d2=json.loads(d1)

if(number == d2[0] or number == d2[4] ):

print("有相同產品名稱或相同編號")

#print(list1[0]," :",end='')

#number=input()

flag =1

print(i)

break

return flag

def wire\_show\_name(name,cost,sell):#尋找成本 及 標籤####

name=name

cost=cost

sell=sell

for i in range(2,goods\_a+1):

d1=date\_temp.get(str(i))

d2=json.loads(d1)

if(name==d2[0]):

lable=str(i)#lable標籤

d2[1]=int(cost) #本錢

d2[2]=int(sell)#大賣

d2[3]=int(sell)#小賣

d2=json.dumps(d2)

update(path\_goods,lable,d2)

#print(path\_goods,lable,d2)

print("update")

def have\_Date(name):

try:

json.loads(date\_temp.get(name))

except:

return False

else:

return True

def show\_form\_window(date,serial,guest,temp):#日期,序號,廠商名,資料

date=date

serial=serial

guest=guest

temp=temp

#print("111",keep\_temp)

window = tk.Tk()

window.title('輸入表單')#程式上方的文字

window.geometry("600x600+750+50")

## 設定視窗大小為 300x100，視窗（左上角）在螢幕上的座標位置為 (250, 150)

window.resizable(False, False)#定義可不可以被使用者放大縮小視窗

#window.iconbitmap('icon.ico')# 設定程式的圖示，可在括弧中放入檔案路徑

#keep\_temp=[]

def onOK():

window.destroy()#關閉螢幕

def onnext():

keep\_temp.append(1)

#print("2221",keep\_temp)

window.destroy()#關閉螢幕

def onfix():

keep\_temp.append(2)

window.destroy()#關閉螢幕

def onsave():

keep\_temp.append(3)

window.destroy()#關閉螢幕

def onfixsave():

keep\_temp.append(4)

window.destroy()#關閉螢幕

# 以預設方式排版標示文字

label\_date=tk.Label(window, text = '日期 ',font = ('Arial', 14))

label\_date\_in=tk.Label(window, text = date,font = ('Arial', 14))

label\_serial=tk.Label(window, text = '序號 ',font = ('Arial', 14))

label\_serial\_in=tk.Label(window, text = serial,font = ('Arial', 14))

label\_name=tk.Label(window, text = '店家名字 ',font = ('Arial', 14))

label\_name\_in=tk.Label(window, text = guest,font = ('Arial', 14))

x=0

y=0

label\_date.place(x=x,y=y)

x=x+50

label\_date\_in.place(x=x,y=y)

x=x+100

label\_serial.place(x=x,y=y)

x=x+50

label\_serial\_in.place(x=x,y=y)

x=x+150

label\_name.place(x=x,y=y)

x=x+100

label\_name\_in.place(x=x,y=y)

# 標示文字

labela = tk.Label(window, text = '產 品 名 稱 ',font = ('Arial', 14))

labelb = tk.Label(window, text = '數 量 ',font = ('Arial', 14))

labelc = tk.Label(window, text = '單 位 ',font = ('Arial', 14))

labeld = tk.Label(window, text = '單 價 ',font = ('Arial', 14))

labele = tk.Label(window, text = '小 計 ',font = ('Arial', 14))

labelf = tk.Label(window, text = '備 註 ',font = ('Arial', 14))

#labela.pack(side='left')

x=0

y=50

labela.place(x=x,y=y)

x=x+200

labelb.place(x=x,y=y)

x=x+70

labelc.place(x=x,y=y)

x=x+70

labeld.place(x=x,y=y)

x=x+70

labele.place(x=x,y=y)

x=x+70

labelf.place(x=x,y=y)

x=0

y=100

total=0

for i in range(len(temp)):

label = tk.Label(window, text = temp[i][0],font = ('Arial', 14))

label.place(x=x,y=y)

x=x+200

label = tk.Label(window, text = temp[i][1],font = ('Arial', 14))

label.place(x=x,y=y)

x=x+70

label = tk.Label(window, text = temp[i][2],font = ('Arial', 14))

label.place(x=x,y=y)

x=x+70

label = tk.Label(window, text = temp[i][3],font = ('Arial', 14))

label.place(x=x,y=y)

x=x+70

label = tk.Label(window, text = temp[i][3],font = ('Arial', 14))

label.place(x=x,y=y)

total=total+temp[i][4]

#total=0

x=0

y=y+25

window.update\_idletasks()

x=0

y=y+25

label = tk.Label(window, text = "----------------------------------------------------------------------------------------------------------")

label.place(x=x,y=y)

x=480

y=y+25

label = tk.Label(window, text = total,font = ('Arial', 14))

label.place(x=x,y=y)

blank = 30

idicent = 170

button\_next = tk.Button(window, text = "下一筆資料", command = onnext,bg='gray')

#print(window.winfo\_height())

button\_next.place(x=idicent\*0,y=window.winfo\_width()-30)

button\_fix = tk.Button(window, text = "修改單筆資料", command = onfix,bg='gray')

button\_fix.place(x=idicent\*1,y=window.winfo\_width()-30)

button\_save = tk.Button(window, text = "儲存表單", command = onsave,bg='yellow')

button\_save.place(x=idicent\*2,y=window.winfo\_width()-30)

button\_fix\_save = tk.Button(window, text = "修改成本", command = onfixsave,bg='gray')

button\_fix\_save.place(x=idicent\*3,y=window.winfo\_width()-30)

window.mainloop()

def show\_to\_window(temp,choose):#來源資料,(1 客戶名稱 2 產品用),

temp=temp

choose=choose

window = tk.Tk()

if choose==1:

window.title('選擇 廠商/客戶 名稱')#程式上方的文字

window.geometry("400x700+250+150")

else:

window.title('選擇 產品 名稱')#程式上方的文字

window.geometry("400x700+250+50")

def onOK():

keyin=entry.get()

count=(len(temp))

#print(keyin[0])

if keyin != "" and keyin.isdigit()==True:

keyin=int(keyin)

#print(keyin,type(keyin)," ",count,type(count))

if keyin > count :

if keyin ==99 :

keep\_temp.append(keyin)

window.destroy()#關閉螢幕

else:#print("wrong")

tkinter.messagebox.showinfo(title = '選擇 廠商/客戶 名稱', # 視窗標題

message = "wrong ") # 訊息內容

else:

#print("Hello, {}.".format(entry.get()))

if choose==1:

print("客戶名稱 :",temp[keyin-1])

else:

print("名稱或編號 :",temp[keyin-1][0])

keep\_temp.append(temp[keyin-1])

window.destroy()#關閉螢幕

else:

tkinter.messagebox.showinfo(title = '選擇 廠商/客戶 名稱', # 視窗標題

message = "wrong ") # 訊息內容

window.wm\_attributes('-topmost',1)

if choose == 1:

for i in range(len(temp)):

index=str(i+1)

date=str(temp[i])

label = tk.Label(window, text = index+date,font = ('Arial', 14))

label.pack()

else:

for i in range(len(temp)):

index=str(i+1)+" :"

date=str(temp[i][0]) +"--"+str(temp[i][4])

label = tk.Label(window, text = index+date,font = ('Arial', 14))

label.pack()

label = tk.Label(window, text = ' 99 :重新選擇 ',font = ('Arial', 14))

label.pack()

entry = tk.Entry(window, width = 20,bd=5,font = ('Arial', 18)) # 輸入欄位所在視窗 # 輸入欄位的寬度

entry.pack()

button = tk.Button(window, text = "OK", command = onOK)

button.pack()

window.mainloop()

def check\_enter(name):#防 enter 鍵

name=name

if name != "":

return int(name)

#程式開始的地方

choose=0

while choose != 88:

keep\_temp=[]

date\_temp=[]

path\_goods='tbuiness/'#產品與電線目錄

date\_temp=(readdate(path\_goods))#產品與電線用

business\_b= int(date\_temp.get('b'))#客戶數量

factory\_f= int(date\_temp.get('f'))#廠商數量

goods\_a= int(date\_temp.get('a'))#產品數量

####拿到所有廠商客戶名子

business\_list=[]

for i in range(1001,int(factory\_f)+1):

#print(json.loads(date\_temp.get(str(i)))[1])

business\_list.append(json.loads(date\_temp.get(str(i)))[1])

for i in range(1101,int(business\_b)+1):

#print(json.loads(date\_temp.get(str(i)))[1])

business\_list.append(json.loads(date\_temp.get(str(i)))[1])

#########放在business\_list

#print(business\_list)

customer=[]#拿到所有 客戶名子

for i in range(1101,int(business\_b)+1):

#print(json.loads(date\_temp.get(str(i)))[1])

customer.append(json.loads(date\_temp.get(str(i)))[1])

print()

print(" 主選項")

print(" 1 :產品查詢 2 :電線查詢 3 :表單查詢 4 :貨品進出 5 :客戶/廠商 設定 88 :結束程式\n")

choose=(input())

choose=check\_enter(choose)

if(choose==1):

choose\_a=0#total=0

while choose\_a != 88:

list1 = ["名稱","成本","大賣","小賣","編號","單位","數量","簡稱"]

date\_temp=[]

date\_temp=(readdate(path\_goods))#產品與電線用

business\_b= int(date\_temp.get('b'))##客戶數量 1101~~

factory\_f= int(date\_temp.get('f'))#廠商數量 1001~~

goods\_a= int(date\_temp.get('a'))#產品數量

print(" 產品查詢")

print(" 1 :產品查詢 ","2 :修改產品資料 ","3 :建立產品資料 ","4 :刪除產品資料 ","88:結束產品查詢\n")

choose\_a=(input())

choose\_a=check\_enter(choose\_a)

if choose\_a==1:

fix=0

elif choose\_a==2:

fix=1

elif choose\_a==3:

fix=3

elif choose\_a==4:

fix=4

else:

fix=5

if fix==0 or fix==1 or fix==4:

check=0

while check != 1:

number=input("產品查詢名稱或編號 : ")

if number=="":

check=0

else:

check=1

list\_inquire=[] #收集找到的值

for i in range(2,goods\_a+1):

d1=date\_temp.get(str(i))

d2=json.loads(d1)

if(number in d2[0] or number in d2[4] ):

list\_inquire.append(d2)

#print(list\_inquire)

if(len(list\_inquire)==0):

print("找不到資料")

elif(len(list\_inquire)==1):

#print(list\_inquire[0][4])

#print(number)

show\_number(list\_inquire[0][4],fix)

else:

for i in range(len(list\_inquire)):

print(i+1," ",list\_inquire[i-1][0],"(",list\_inquire[i-1][4],")")

number=(input("選項號碼 :"))

while number.isdigit()!=True :

print("選項號碼 :",end='')

number=input()

number=int(number)

while number > len(list\_inquire) :

print("選項號碼 :",end='')

number=input()

number=int(number)

show\_number(list\_inquire[number-2][4],fix)

print('end')

elif fix==3:#建立產品資料

#print(goods\_a)

one\_goods=[]#所有的輸入欄位

flag=1

while flag == 1:

print(list1[0]," :",end='')#list1 是設定的欄位定義

number=input()

flag=check\_goods(number,0)

#print(flag)

one\_goods.append(number)

print(list1[1],"僅限輸入數字 :",end='')

number=input()

while number=="":

print(list1[1],"僅限輸入數字 :",end='')

number=input()

number=float(number)

one\_goods.append(number)

print(list1[2],"僅限輸入數字 :",end='')

number=input()

while number=="":

print(list1[2],"僅限輸入數字 :",end='')

number=input()

number=float(number)

one\_goods.append(number)

print(list1[3],"僅限輸入數字 :",end='')

number=input()

while number=="":

print(list1[3],"僅限輸入數字 :",end='')

number=input()

number=float(number)

one\_goods.append(number)

flag=1

while flag == 1:

print(list1[4]," :",end='')

number=input()

flag=check\_goods(number,0)

#print(flag)

one\_goods.append(number)

print(list1[5]," :",end='')

number=input()

one\_goods.append(number)

while number.isdigit()!=True:

print(list1[6],"僅限輸入數字 :",end='')

number=input()

number=int(number)

one\_goods.append(number)

one\_goods.append(one\_goods[0])

show\_goods(one\_goods)

print(one\_goods)

print("確定要存檔嗎 1: 是 2: 不用存檔 ",end='')

number=(input())

number=check\_enter(number)

if number==1:

one\_goods=json.dumps(one\_goods)

goods\_a=goods\_a+1

#print(goods\_a)

update(path\_goods,goods\_a,one\_goods)##建立 位置/檔名/資料/

update(path\_goods,'a',goods\_a)

print("update")

else:

print("沒存檔")

else:

choose\_a=88

if(choose==2):

print("請先關閉 wire\_use.xlsx")

number=0

while number != 88:

path\_goods='tbuiness/'#產品與電線目錄

date\_temp=(readdate(path\_goods))#產品與電線用

business\_b= int(date\_temp.get('b'))#客戶數量

factory\_f= int(date\_temp.get('f'))#廠商數量

goods\_a= int(date\_temp.get('a'))#產品數量

test=(have\_Date('wire'))

if test==False:

empty=0

print(" 無電線設定檔")

else:

wire\_a= json.loads(date\_temp.get('wire'))#產品數量

empty=1

wire=[["2平方二芯電纜線",1089,1],

['2平方三芯電纜線',1425,1],

['3.5平方二芯電纜線',1520,1],

['3.5平方三芯電纜線',2079,2],

['5.5平方二芯電纜線',2235,2],

['5.5平方三芯電纜線',3076,2],

['8平方二芯電纜線',3106,2],

['8平方三芯電纜線',4313,2],

['14平方三芯電纜線',7436,3],

['1.6二芯白扁線',700,3],

['2.0二芯白扁線',1000,3],

['1.6單芯電線',232,4],

['2.0單芯電線',350,4],

['3.5平方電線',459,4],

['5.5平方電線',708,4],

['8平方電線',1009,4]

]

print(" 電線查詢")

print(" 1: 查詢電線價錢與列印 2: 電線設定檔 3: 更改電線成本 88: 結束電線查詢\n ")

number=(input())

number=check\_enter(number)

if number==1 and empty != 0:

for i in range(len(wire\_a)):

print(i+1," ",wire\_a[i])

number\_a=(input("選擇月份項 :"))

while number\_a.isdigit()!=True :

print("選擇月份項 :",end='')

number\_a=input()

number\_a=int(number\_a)

while number\_a > len(wire\_a) :

print("選擇月份項 :",end='')

number\_a=input()

number\_a=int(number\_a)

temp=wire\_a[number\_a-1]

# title = ["名稱 ","成本","大賣"]

#print(title)

import os

os.chdir('/Users/home/Desktop') # Colab 換路徑使用

import openpyxl

wb = openpyxl.load\_workbook('wire\_use.xlsx', data\_only=True)

s1 = wb['sheet1'] # 開啟工作表 1

s1['A1'].value = '名稱' # 儲存格 A1 內容為 apple

s1['B1'].value = '成本' # 儲存格 A2 內容為 orange

s1['C1'].value = '大賣' # 儲存格 A3 內容為 banana

for i in range(len(wire)):

if(wire[i][2]==1):

para=int(temp[1])

elif(wire[i][2]==2):

para=int(temp[2])

elif(wire[i][2]==3):

para=int(temp[3])

else:

para=int(temp[4])

print("名稱 :",wire[i][0],

"成本 :",int(int(wire[i][1])\*para/100),

"售價 :",int(int(wire[i][1])\*(para+10)/100)

)

print()

s1.cell(i+2,1).value = wire[i][0] # 儲存格 B1 內容 ( row=1, column=2 ) 為 100

s1.cell(i+2,2).value = int(int(wire[i][1])\*para/100) # 儲存格 B2 內容 ( row=2, column=2 ) 為 200

s1.cell(i+2,3).value = int(int(wire[i][1])\*(para+10)/100) # 儲格 B3 內容 ( row=3, column=2 ) 為 300

wb.save('wire\_use.xlsx')

if number==2:

print("\n 1: 建立電線設定檔 2: 刪除電線設定檔 ")

choose\_a=(input())

while choose\_a.isdigit()!=True :

print("\n 1: 建立電線設定檔 2: 刪除電線設定檔 ",end='')

choose\_a=input()

choose\_a=int(choose\_a)

if choose\_a==1:

temp=[]

test2=[]

print("\n設定年月 ex (11201) ",end="")

keyin=input()

temp.append(keyin)

print("\n 3.5 二芯以下設定 ex (212) ",end="")

keyin=input()

while keyin.isdigit() != True:

print("\n 3.5 二芯以下設定 ex (212) ",end="")

keyin=input()

temp.append(keyin)

print("\n 8平方 四芯以下設定 ex (212) ",end="")

keyin=input()

while keyin.isdigit() != True:

print("\n 8平方 四芯以下設定 ex (212) ",end="")

keyin=input()

temp.append(keyin)

print("\n 白扁線設定 ex (212) ",end="")

keyin=input()

while keyin.isdigit() != True:

print("\n 白扁線設定 ex (212) ",end="")

keyin=input()

temp.append(keyin)

print("\n 22平方電線設定 ex (212) ",end="")

keyin=input()

while keyin.isdigit() != True:

print("\n 22平方電線設定 ex (212) ",end="")

keyin=input()

temp.append(keyin)

#temp=json.dumps(temp)

if empty != 0:

wire\_a.append(temp)

wire\_a=json.dumps(wire\_a)

#print(wire\_a)

update(path\_goods,'wire',wire\_a)

else:

test2.append(temp)

test2=json.dumps(test2)

update(path\_goods,'wire',test2)

print("update")

else:

if empty != 0:

for i in range(len(wire\_a)):

print(i+1," ",wire\_a[i])

print("\n 選擇第幾項 ",end='')

choose\_a=(input())

while choose\_a.isdigit()!=True :

print("\n 選擇第幾項 ",end='')

choose\_a=input()

choose\_a=int(choose\_a)

del wire\_a[choose\_a-1]

#print ("less",len(wire\_a))

if len(wire\_a)==0:

deldate(path\_goods+'wire')

else:

wire\_a=json.dumps(wire\_a)

update(path\_goods,'wire',wire\_a)

if number==3:

for i in range(len(wire\_a)):

print(i+1," ",wire\_a[i])

number\_a=(input("選擇月份項 :"))

while number\_a.isdigit()!=True :

print("選擇月份項 :",end='')

number\_a=input()

number\_a=int(number\_a)

while number\_a > len(wire\_a) :

print("選擇月份項 :",end='')

number\_a=input()

number\_a=int(number\_a)

temp=wire\_a[number\_a-1]

print(temp)

for i in range(len(wire)):

if(wire[i][2]==1):

price=int(temp[1])\*wire[i][1]/100

sell=(int(temp[1])+10)\*wire[i][1]/100

print(wire[i][0],"本錢是 ",price,"小賣 " ,sell)

wire\_show\_name(wire[i][0],price,sell)

elif(wire[i][2]==2):

price=int(temp[2])\*wire[i][1]/100

sell=(int(temp[2])+10)\*wire[i][1]/100

print(wire[i][0],"本錢是 ",price,"小賣 " ,sell)

wire\_show\_name(wire[i][0],price,sell)

elif(wire[i][2]==3):

price=int(temp[3])\*wire[i][1]/100

sell=(int(temp[3])+10)\*wire[i][1]/100

print(wire[i][0],"本錢是 ",price,"小賣 " ,sell)

wire\_show\_name(wire[i][0],price,sell)

else:

price=int(temp[4])\*wire[i][1]/100

sell=(int(temp[4])+10)\*wire[i][1]/100

print(wire[i][0],"本錢是 ",price,"小賣 " ,sell)

wire\_show\_name(wire[i][0],price,sell)

else:

number=88

if(choose==3):

def new\_creat\_goods():#建立新產品 輸入 james 觸發

list1 = ["名稱","成本","大賣","小賣","編號","單位","數量","簡稱"]

goods\_a= int(date\_temp.get('a'))#產品數量

print("1 : 建立新產品 \n")

#print(goods\_a)

one\_goods=[]

flag=1

while flag == 1:

print(list1[0]," :",end='')

number=input()

flag=check\_goods(number,0)

#print(flag)

one\_goods.append(number)

print(list1[1],"僅限輸入數字 :",end='')

number=input()

while number.isdigit()!=True:

print(list1[1],"僅限輸入數字 :",end='')

number=input()

number=float(number)

one\_goods.append(number)

print(list1[2],"僅限輸入數字 :",end='')

number=input()

while number.isdigit()!=True:

print(list1[2],"僅限輸入數字 :",end='')

number=input()

number=float(number)

one\_goods.append(number)

print(list1[3],"僅限輸入數字 :",end='')

number=input()

while number.isdigit()!=True:

print(list1[3],"僅限輸入數字 :",end='')

number=input()

number=float(number)

one\_goods.append(number)

flag=1

while flag == 1:

print(list1[4]," :",end='')

number=input()

flag=check\_goods(number,0)

#print(flag)

one\_goods.append(number)

print(list1[5]," :",end='')

number=input()

one\_goods.append(number)

while number.isdigit()!=True:

print(list1[6],"僅限輸入數字 :",end='')

number=input()

number=int(number)

one\_goods.append(number)

one\_goods.append(one\_goods[0])

print(one\_goods)

print("確定要存檔嗎 1: 是 2: 不用存檔 ",end='')

number=(input())

while number.isdigit()!=True:

print("確定要存檔嗎 1: 是 2: 不用存檔 ",end='')

number=input()

number=int(number)

if number==1:

one\_goods=json.dumps(one\_goods)

goods\_a=goods\_a+1

#print(path\_goods)

#print(goods\_a)

#print(one\_goods)

update(path\_goods,goods\_a,one\_goods)##建立 位置/檔名/資料/

update(path\_goods,'a',goods\_a)

print("update")

else:

print("沒存檔")

print(" 產品建立完畢 繼續表單輸入")

number=input("名稱或編號 : ")

return number,goods\_a

#############副程式############

### 第三選項開始

choose\_a=0

while choose\_a != 88:

print("一定要關閉 form\_use.xlsx")

import os

os.chdir('/Users/home/Desktop') # Colab 換路徑使用

import openpyxl

wb = openpyxl.load\_workbook('form\_use.xlsx', data\_only=True)

s1 = wb['sheet1'] # 開啟工作表 1

account\_temp=[]

path\_form='account/'

account\_temp=(readdate(path\_form))#表單資料

path\_form\_name='inguire/'

account\_name\_temp=(readdate(path\_form\_name))#表單資料+name

title=[]

for hh in account\_name\_temp:

title.append(hh) #表單標籤資料有名字

print(" 表單查詢")

print(" 1: 表單查詢(不可修改) 2: 增加/刪除 表單 88:結束表單作業 \n")

choose\_a=(input())

choose\_a=check\_enter(choose\_a)

if choose\_a==1:

start=input("查詢資料 開始日期 ex 20200413 : ")

while isValidDate(start) !=True:

start=input("查詢資料 開始日期 ex 20200413 : ")

end=input("查詢資料 (結束日期) ex 20200413 : ")

while isValidDate(end) !=True:

end=input("查詢資料 (結束日期) ex 20200413 : ")

day\_choose=geteveryday(start,end)#取得所有日子

second\_temp=[]

for i in range(len(day\_choose)):

for j in range(len(title)):

if(day\_choose[i] in title[j]):

second\_temp.append(title[j])#日期篩選

#print(second\_temp)

for i in range(len(business\_list)):

print(i+1," ",business\_list[i])

number=(input("選擇客戶或廠商 :"))

while number.isdigit()!=True :

print("選擇客戶或廠商 :",end='')

number=input()

number=int(number)

while number > len(business\_list) :

print("選擇客戶或廠商 :",end='')

number=input()

number=int(number)

print(business\_list[number-1])

third\_temp=[]#日期+名子篩選

for i in range(len(second\_temp)):

if business\_list[number-1] in second\_temp[i]:

third\_temp.append(second\_temp[i])

#print(third\_temp )

last\_total=0

y=3

last\_total=0

for i in range(len(third\_temp)):

one\_list= json.loads(account\_temp.get(third\_temp[i][0:11]))

respond=show\_form(one\_list,i,y,1,last\_total)

last\_total=last\_total+respond[0]#回傳值total

y=respond[1]#回傳值y 座標

last\_total=respond[2]#回傳值總計

print("共計 :",last\_total)

if choose\_a==2:

#show\_form\_window(date,serial,guest,temp):#日期,序號,廠商名,資料

#show\_to\_window(temp,choose):#來源資料,(1 客戶名稱 2 產品用),

fix=0

head=[]

date\_temp=(readdate(path\_goods))#產品與電線用``

business\_b= int(date\_temp.get('b'))##客戶數量 1101~~

factory\_f= int(date\_temp.get('f'))#廠商數量 1001~~

goods\_a= int(date\_temp.get('a'))#產品數量

serial\_net=int(date\_temp.get('s'))#序號數字

if serial\_net==99:

serial\_net=11

update(path\_goods,'s',serial\_net)

#print("序號",serial\_net)

#print(customer)

print("\n 1: 增加新表單 2: 單日表單(修改/刪除)查詢 \n ",end='')

keyin=(input())

while keyin.isdigit()!=True:

print("\n 1: 增加新表單 2: 單日表單(修改/刪除)查詢\n ",end='')

keyin=(input())

keyin=int(keyin)

if keyin==1:

creat=1

print(" 增加新表單: ")

else:

creat=2

print("2: 單日表單(修改/刪除)查詢 ")

start=input("日 期 ex 20200413 : ")

while isValidDate(start) !=True:

start=input("日 期 ex 20200413 : ")

if creat==1:

head.append(start)#日期

serial="N"+str(start)+str(serial\_net)#序號

show\_to\_window(business\_list,1)#客戶名

#print(keep\_temp)

#kk=input()

head.append(keep\_temp[0]) #客戶 或 廠商

for i in range(len(customer)):

if keep\_temp[0]==customer[i]:

flag=1#客戶

break

else:

flag=2

#print(flag)

keep\_temp=[]

#print(head,serial)

else:

day\_choose=start

day\_second\_temp=[]

for j in range(len(title)):

if(day\_choose in title[j]):

day\_second\_temp.append(title[j])#日期篩選

if len(day\_second\_temp) != 0:###################fix fix fix

for j in range(len(day\_second\_temp)):

print(j+1," :",day\_second\_temp[j])

keyin=(input("輸入選擇項 : "))

while keyin.isdigit()!=True :

print("輸入選擇項 : ",end='')

keyin=input()

keyin=int(keyin)

name=day\_second\_temp[keyin-1]

#print("hhh",name[0:11])

temp=json.loads(account\_temp.get(name[0:11]))

print("\n日期:",temp[0])

print("序號:",name[0:11])

print("廠商名:",temp[1])

for i in range(len(temp[2])):

print(temp[2][i])

#show\_form\_window(temp[0],name[0:11],temp[1],temp[2])#日期,序號,廠商名,資料

print("\n 1: 修改表單 2: 刪除表單 3: 結束表單 ",end='')

keyin\_a=(input())

while keyin\_a.isdigit()!=True:

print("\n 1: 修改表單 2: 刪除表單 3: 結束表單 ",end='')

keyin\_a=(input())

keyin\_a=int(keyin\_a)

if keyin\_a==2:

#print("刪除選單區")

#print(path\_form\_name)

#print(name)

#print(path\_form)

#print("serial=",name[0:11])

deldate(path\_form\_name+name)

deldate(path\_form+name[0:11])

print("deldate")

next=0

elif keyin\_a==3:

next=0

else:

head=[]

for i in range(len(customer)):

if temp[1]==customer[i]:

flag=1#客戶

break

else:

flag=2

second\_temp=temp[2]

head.append(day\_choose)#日期

head.append(temp[1])#名子

serial=name[0:11]

#print(head)

#print("label==",serial)

for i in range(len(second\_temp)):

print(i+1 ,": ",second\_temp[i])

print("選擇第幾筆資料 : ",end='')

keyin=input()

while keyin.isdigit()!=True :

print("選擇第幾筆資料 : ",end='')

keyin=input()

keyin=int(keyin)

while keyin > len(second\_temp):

print("選擇第幾筆資料 : ",end='')

keyin=input()

keyin=int(keyin)

#fix\_temp=second\_temp[keyin-1]

fix\_label=keyin-1#第幾項

print(second\_temp[keyin-1])

print("修改資料單筆資料選項!!!")

fix=99

next=1

else:

print("無資料")

next=0

if creat==1:

second\_temp=[]#儲存值

next=1

while next != 0:

bottom=[]#輸入值

same=0

test=goods\_a

while same != 1:

number=input("名稱或編號 : ")

while number=='james':#創造新產品

temp=new\_creat\_goods()

goods\_a=temp[1]

if test != goods\_a:

date\_temp=(readdate(path\_goods))#產品與電線用

number=temp[0]

#print(number)

#kk=input()

list\_inquire=[]

for i in range(2,goods\_a+1):

d1=date\_temp.get(str(i))

d2=json.loads(d1)

if(number in d2[0] or number in d2[4] ):

list\_inquire.append(d2)

#print(list\_inquire)

if(len(list\_inquire)==0):

tkinter.messagebox.showerror(title="資訊告知", message="沒有資料")

elif(len(list\_inquire)==1):

print("名稱或編號 : ",list\_inquire[0][0])

keep\_temp.append(list\_inquire[0])

bottom.append(list\_inquire[0][0])

new\_name=list\_inquire[0][0]

same=1

elif(len(list\_inquire) >25 ):

print("請縮小查詢範圍")

same=0

else:

show\_to\_window(list\_inquire,2)

#print(keep\_temp)

if keep\_temp[0]==99:

same=0

keep\_temp=[]

else:

bottom.append(keep\_temp[0][0])

new\_name=keep\_temp[0][0]

same=1

#print(new\_name)

keyin\_a=input("數量 : ")

while keyin\_a=="":

keyin\_a=(input("數量 : "))

bottom.append(float(keyin\_a))

print("單位 : ",keep\_temp[0][5])

bottom.append(keep\_temp[0][5])

if flag==2:

print("單價","(",keep\_temp[0][1], ")" , ": " ,end="")

keyin\_b=input()

while keyin\_b=="":

print("單價","(",keep\_temp[0][1], ")" , ": " ,end="")

keyin\_b=input()

else:

print("單價","(",keep\_temp[0][2], ")" , ": " ,end="")

keyin\_b=input()

while keyin\_b=="":

print("單價","(",keep\_temp[0][2], ")" , ": " ,end="")

keyin\_b=input()

bottom.append(float(keyin\_b))

print("小計 : ",float(keyin\_a)\*float(keyin\_b))

bottom.append(float(keyin\_a)\*float(keyin\_b))

if fix != 99:

second\_temp.append(bottom)

else:

#print(fix\_label)

second\_temp[fix\_label]=bottom

fix=0

#print('serial==',serial)

#print("head==" ,head)

#print("bottom==",second\_temp)

#print(" last end test")

show\_form\_window(head[0],serial,head[1],second\_temp)#日期,序號,廠商名,資料

#print("test",keep\_temp[1])

#print(keep\_temp)

keyin=keep\_temp[1]

#print(keyin)

keep\_temp=[]

#input()

if keyin==3:#結束區

#show\_form\_window(head[0],serial,head[1],second\_temp)#日期,序號,廠商名,資料

#print('serial==',serial)

#print("bottom==",second\_temp)

newname=serial+head[1]

#print(newname)

head.append(second\_temp)

head=json.dumps(head)

#print("head==" ,head)

update(path\_form,serial,head)

update(path\_form\_name,newname,serial)

update(path\_goods,'s',serial\_net+1)

print("update")

next=0

elif keyin==1:

#show\_form\_window(head[0],serial,head[1],second\_temp)#日期,序號,廠商名,資料

next=1

elif keyin==2:

for i in range(len(second\_temp)):

print(i+1 ,":",second\_temp[i])

keyin=(input("選擇第幾筆資料 : "))

while keyin.isdigit()!=True :

print("選擇第幾筆資料 : ",end='')

keyin=(input())

keyin=int(keyin)

while keyin > len(second\_temp) :

print("選擇第幾筆資料 : ",end='')

keyin=(input())

keyin=int(keyin)

fix\_label=keyin-1#第幾項

print(second\_temp[keyin-1])

print("修改資料單筆資料選項!!!")

fix=99

next=1

else:#fix goos

print(new\_name)

list\_inquire=[]

for i in range(2,goods\_a+1):

d1=date\_temp.get(str(i))

d2=json.loads(d1)

if(new\_name in d2[0] ):

lable=str(i)

list\_inquire.append(d2)

temp=list\_inquire[0]

print("now",temp)#[1]成本 [2]大賣 [3]小賣

print("產品名稱 : ",temp[0])

print("修改成本","(",temp[1],") :",end="")

keyin=(input())

#print(type(keyin))

while keyin == "":

print("修改成本","(",temp[1],") :",end="")

keyin=(input())

keyin=float(keyin)

temp[1]=keyin

print("修改大賣 ","(",temp[2],") :",end="")

keyin=(input())

while keyin == "":

print("修改大賣 ","(",temp[2],") :",end="")

keyin=(input())

keyin=float(keyin)

temp[2]=keyin

print("修改小賣 ","(",temp[3],") :",end="")

keyin=(input())

while keyin == "" :

print("修改小賣 ","(",temp[3],") :",end="")

keyin=(input())

keyin=float(keyin)

temp[3]=keyin

print("new ",temp)

#print(lable)

#print(path\_goods)

print("確定要存檔嗎 1: 是 2: 不用存檔 3: 存檔且結束表單 ",end="")

number=(input())

number=check\_enter(number)

if number==1 or number==3:

temp=json.dumps(temp)

update(path\_goods,lable,temp)##建立 位置/檔名/資料/

date\_temp=(readdate(path\_goods))#產品與電線用

print("update")

if number==3:

newname=serial+head[1]

head.append(second\_temp)

head=json.dumps(head)

#print("head==" ,head)

update(path\_form,serial,head)

update(path\_form\_name,newname,serial)

update(path\_goods,'s',serial\_net+1)

print("update")

next=0

else:

print("沒存檔")

else:

choose\_a=88

if(choose==4):

print("\n 4 :全品項/單一貨品 進出查詢\n")

choose\_a=0

while choose\_a !=88:

account\_temp=[]

url='account/'

account\_temp=(readdate(url))#表單資料

url='inguire/'

account\_name\_temp=(readdate(url))#表單資料+name

title=[]

for hh in account\_name\_temp:

title.append(hh) #表單標籤資料有名字

print("\n 貨品進出")

print(" 1 :全品項查詢"," 2 :單一品項查詢","88 :結束 貨品進出查詢\n")

choose\_a=(input())

choose\_a=check\_enter(choose\_a)

if choose\_a==1 or choose\_a==2:

print()

start=input("查詢資料 開始日期 ex 20200413 : ")

while isValidDate(start) !=True:

start=input("查詢資料 開始日期 ex 20200413 : ")

end=input("查詢資料 (結束日期) ex 20200413 : ")

while isValidDate(end) !=True:

end=input("查詢資料 (結束日期) ex 20200413 : ")

print()

day\_choose=geteveryday(start,end)#取得所有日子

second\_temp=[]

for i in range(len(day\_choose)):

for j in range(len(title)):

if(day\_choose[i] in title[j]):

second\_temp.append(title[j])#日期篩選

if choose\_a==1:

goods\_temp=[]

for i in range(len(second\_temp)):

one\_list= json.loads(account\_temp.get(second\_temp[i][0:11]))

correct=1

for j in range(len(customer)):

if second\_temp[i][12:13] in customer[j]:#廠商或顧客

correct=2

break

goods\_temp=show\_goods\_form(one\_list,correct,goods\_temp)

goods\_temp.sort(key=lambda goods\_temp:goods\_temp[0])#陣列排序

print()

print("一定要關閉 goods\_use.xlsx")

print("\n此選項有列印去 excel\n")

goods\_last\_temp=[]

for i in range(len(goods\_temp)):

if i==0:

index=i#陣列所在位址

goods\_last\_temp.append(goods\_temp[i])

head=goods\_last\_temp[0][0]#新陣列 第一品名

#print("head" ,goods\_last\_temp,head)

else:

if head==goods\_temp[i][0]:

goods\_last\_temp[index][1]=float(goods\_last\_temp[index][1])+float(goods\_temp[i][1])

goods\_last\_temp[index][2]=float(goods\_last\_temp[index][2])+float(goods\_temp[i][2])

else:

goods\_last\_temp.append(goods\_temp[i])

index=index+1

head=goods\_last\_temp[index][0]#新陣列 第一品名

#print(len(goods\_last\_temp) )

import os

os.chdir('/Users/home/Desktop') # Colab 換路徑使用

import openpyxl

wb = openpyxl.load\_workbook('goods\_use.xlsx', data\_only=True)

s1 = wb['sheet1'] # 開啟sheet1

s1.cell(1,1).value = '產 品 名 稱'# 儲存格 A1 內容為 apple

s1.cell(1,2).value = '進 貨'

s1.cell(1,3).value = '出 貨'

y=2

for i in range(len(goods\_last\_temp)):

print(goods\_last\_temp[i])

s1.cell(y,1).value =goods\_last\_temp[i][0]

s1.cell(y,2).value =goods\_last\_temp[i][1]

s1.cell(y,3).value =goods\_last\_temp[i][2]

y=y+1

wb.save('goods\_use.xlsx')

if choose\_a==2:

goods\_a= int(date\_temp.get('a'))#產品數量

correct=0

list\_inquire=[]

number=input("產品查詢名稱或編號 : ")

for i in range(2,goods\_a):

if(correct!=1):

d1=date\_temp.get(str(i))

d2=json.loads(d1)

if(number in d2[0] or number in d2[4] ):

#list\_inquire.append(i)

list\_inquire.append(d2)

correct=0

#print(number,len(list\_inquire))

if(len(list\_inquire)==0):

print("找不到資料")

elif(len(list\_inquire)==1):

print(number)

for i in range(2,goods\_a):

d1=date\_temp.get(str(i))

d2=json.loads(d1)

if(number==d2[4]):

name=(d2[0])

else:

for i in range(len(list\_inquire)):

print(i+1," ",list\_inquire[i-1][0],"(",list\_inquire[i-1][4],")")

number=(input("選項號碼 :"))

while number.isdigit()!=True :

print("選項號碼 :",end='')

number=(input())

number=int(number)

while number > len(list\_inquire) :

print("選項號碼 :",end='')

number=(input())

number=int(number)

name=(list\_inquire[number-2][0])

#print(list\_inquire)

goods\_temp=[]

if len(list\_inquire) != 0:

#goods\_temp=[]

for i in range(len(second\_temp)):

one\_list= json.loads(account\_temp.get(second\_temp[i][0:11]))

goods\_temp=show\_one\_goods(one\_list,name,goods\_temp)

if len(goods\_temp) != 0:

print("\n此選項沒有列印去 excel\n")

for i in range(len(goods\_temp)):

print(goods\_temp[i])

else:

print("\n沒有資料")

else:

choose\_a=88

if(choose==5):

number=0

while number != 88:

date\_temp=(readdate(path\_goods))#產品與電線用

business\_b= int(date\_temp.get('b'))##客戶數量 1101~~

factory\_f= int(date\_temp.get('f'))#廠商數量 1001~~

goods\_a= int(date\_temp.get('a'))#產品數量

print(" 客戶/廠商 設定")

print(" 1 :編輯廠商資料"," 2 :編輯客戶資料")

print(" 3 :增加廠商資料"," 4 :增加客戶資料")

print(" 5 :刪除廠商資料"," 6 :刪除客戶資料")

print("88 :結束客戶/廠商 設定")

number=(input())

number=check\_enter(number)

if number==1 or number==2 or number==5 or number==6:

for i in range(1001,int(factory\_f)+1):

temp=(json.loads(date\_temp.get(str(i))))

print(i-1000,"編號:",temp[0],"名稱:",temp[1],"TEL :",temp[2])

keep=i-1000

#print(keep)

for i in range(1101,int(business\_b)+1):

temp=(json.loads(date\_temp.get(str(i))))

print(i-1101+keep+1,"編號:",temp[0],"名稱:",temp[1],"TEL :",temp[2])

if number==1 or number==2:

print(" 選擇幾號修改 :",end="")

number=(input())

while number.isdigit()!=True :

print(" 選擇幾號修改 :",end='')

number=(input())

number=int(number)

if number<=keep:

temp=(json.loads(date\_temp.get(str(number+1000))))

print("修改名稱為:","(",temp[1],")",end="")

temp[1]=input()

print("修改TEL 為:","(",temp[2],")",end="")

temp[2]=input()

lable=str(number+1000)

temp=json.dumps(temp)

#print(path\_goods,lable,temp)

update(path\_goods,lable,temp)

print("update")

else:

temp=(json.loads(date\_temp.get(str(number+1100-keep))))

print("修改名稱為:","(",temp[1],")",end="")

temp[1]=input()

print("修改TEL 為:","(",temp[2],")",end="")

temp[2]=input()

lable=str(number+1100-keep)

temp=json.dumps(temp)

#print(path\_goods,lable,temp)

update(path\_goods,lable,temp)

print("update")

if number==5 or number==6:

print(" 選擇刪除幾號:",end="")

number=(input())

while number.isdigit()!=True :

print(" 選擇刪除幾號:",end='')

number=(input())

number=int(number)

if number<=keep:

temp=(json.loads(date\_temp.get(str(number+1000))))

print("編號:",temp[0],"名稱:",temp[1],"TEL :",temp[2])

print(" 1 :確定刪除廠商資料\n","2 :不用刪除廠商資料\n")

choose\_b=(input())

while choose\_b.isdigit()!=True :

print(" 1 :確定刪除廠商資料\n","2 :不用刪除廠商資料\n",end='')

choose\_b=(input())

choose\_b=int(choose\_b)

lable=str(number+1000)

#print(type(lable),type(factory\_f))

if choose\_b == 1:

if int(lable)==int(factory\_f):

deldate(path\_goods+lable)

update(path\_goods,'f',factory\_f-1)

print("update")

else:

temp=readdate(path\_goods+str(factory\_f))

#print(temp)

update(path\_goods,lable,temp)

deldate(path\_goods+str(factory\_f))

update(path\_goods,'f',factory\_f-1)

print("update")

else:

temp=json.loads(date\_temp.get(str((number+1100-keep))))

print("編號:",temp[0],"名稱:",temp[1],"TEL :",temp[2])

print(" 1 :確定刪除客戶資料\n","2 :不用刪除客戶資料\n")

choose\_b=(input())

while choose\_b.isdigit()!=True :

print(" 1 :確定刪除廠商資料\n","2 :不用刪除廠商資料\n",end='')

choose\_b=(input())

choose\_=int(choose\_b)

lable=str(number+1100-keep)

#print((lable),(business\_b))

if choose\_b == 1:

if int(lable)==int(business\_b):

deldate(path\_goods+lable)

update(path\_goods,'b',business\_b-1)

print("update")

else:

temp=readdate(path\_goods+str(business\_b))

#print(temp)

update(path\_goods,lable,temp)

deldate(path\_goods+str(business\_b))

update(path\_goods,'b',business\_b-1)

print("update")

if number==3:

temp=[]

temp.append("fa"+str(int(factory\_f)+1))

print("請輸入廠商名稱 : ",end=" ")

temp.append(input())

print("請輸入廠商電話 : ",end=" ")

temp.append(input())

print("編號","fa"+str(int(factory\_f)+1)," 廠商名稱",temp[1],"廠商電話",temp[2])

#print(temp)

temp=json.dumps(temp)

print(" 1 :確定增加廠商資料\n","2 :不用增加廠商資料\n")

choose\_b=(input())

while choose\_b.isdigit()!=True :

print(" 1 :確定刪除廠商資料\n","2 :不用刪除廠商資料\n",end='')

choose\_b=(input())

choose\_b=int(choose\_b)

if choose\_b == 1:

update(path\_goods,str(int(factory\_f)+1),temp)

update(path\_goods,'f',int(factory\_f)+1)

print("update")

if number==4:

temp=[]

temp.append("bu"+str(int(business\_b)+1))

print("請輸入客戶名稱 : ",end=" ")

temp.append(input())

print("請輸入客戶電話 : ",end=" ")

temp.append(input())

print("編號","bu"+str(int(business\_b)+1)," 客戶名稱",temp[1],"客戶電話",temp[2])

#print(temp)

temp=json.dumps(temp)

print(" 1 :確定增加客戶資料\n","2 :不用增加客戶資料\n")

choose\_b=(input())

while choose\_b.isdigit()!=True :

print(" 1 :確定增加客戶資料\n","2 :不用增加客戶資料\n",end='')

choose\_b=(input())

choose\_b=int(choose\_b)

if choose\_b == 1:

update(path\_goods,str(int(business\_b)+1),temp)

update(path\_goods,'b',int(business\_b)+1)

print("update")

else:

number=88