import requests

from bs4 import BeautifulSoup

import openpyxl

import datetime

import time

wb = openpyxl.Workbook()

ws = wb.active

ws['A1'] = '職位名稱'

ws['B1'] = '網址'

ws['C1'] = '公司名稱'

ws['D1'] = '縣市地區'

ws['E1'] = '經驗需求'

ws['F1'] = '學歷需求'

ws['G1'] = '計薪方式'

ws['H1'] = '薪資下限'

ws['I1'] = '薪資上限'

page=0

jobn=0

while page<53:

page+=1

res=requests.get('https://www.1111.com.tw/search/job?ks=%E5%A4%A7%E6%95%B8%E6%93%9A&page='+str(page))

soup=BeautifulSoup(res.text)

for job in soup.find\_all('ul',class\_="srh-body\_\_result")[0].find\_all('div',class\_="item\_\_job"):

jobn+=1

A2=job.div.div.a.text

B2=job.div.div.a['href']

C2=job.div.select('div')[1].a['aria-label']

D2=job.find\_all('div',class\_="item\_\_job-control")[0].a['aria-label']

E2=job.div.select('div')[3].select('i')[2]['aria-label']

F2=job.div.select('div')[3].select('i')[3]['aria-label']

G2=job.div.select('div')[3].select('i')[1]['aria-label'][0:2]

price=''

for word in job.div.select('div')[3].select('i')[1]['aria-label']:

if word == '0' or word == '1' or word == '2' or word == '3' or word == '4' or word == '5' or word == '6' or word == '7' or word == '8' or word == '9' or word == '萬' or word == '~'or word == '.':

price+=word

low\_price=''

high\_price=''

if '~' in price:

low\_price=price[0:price.find('~')]

if '萬' in low\_price:

low\_price=low\_price[0:low\_price.find('萬')]

low\_price=float(low\_price)\*10000

else:

low\_price=float(low\_price)

high\_price=price[price.find('~')+1:len(price)]

if '萬' in high\_price:

high\_price=high\_price[0:high\_price.find('萬')]

high\_price=float(high\_price)\*10000

else:

high\_price=float(high\_price)

H2=low\_price

I2=high\_price

else:

low\_price=price

if '萬' in low\_price:

low\_price=low\_price[0:low\_price.find('萬')]

low\_price=float(low\_price)\*10000

else:

low\_price=float(low\_price)

high\_price=price

if '萬' in high\_price:

high\_price=high\_price[0:high\_price.find('萬')]

high\_price=float(high\_price)\*10000

else:

high\_price=float(high\_price)

H2=low\_price

I2=high\_price

ws.append([A2,B2,C2,D2,E2,F2,G2,H2,I2])

print('成功匯入第',page,'頁，第',jobn,'筆職缺')

print(B2)

wb.save('職缺清單'+str(datetime.date.today())+'.xlsx')

print('清單製作完成')