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In [2]: #final code for jobstreet
import requests
import pandas as pd # used for saved in excel file
from bs4 import BeautifulSoup
import csv

def get_url(position,location):
    position = position.replace(' ', '-')
    location = location.replace(' ', '-')
    template = 'https://my.jobstreet.com/{}-jobs-jobs/in-{}'
    url = template.format(position,location)
    return url

def get_jobs(card):
    try:
        job_name = card.find('a',{'data-testid':'job-card-title'}).text
        job_url = card.find('a',{'data-testid':'job-card-title'})
        job_url='https://my.jobstreet.com' + job_url['href']
        c_name = card.find('a',{'data-automation':'jobCompany'})
        c_name = c_name.text
        job_loc = card.find('a',{'data-automation':'jobLocation'})
        salary = card.find('span','gepq850 eihuid4z eihuidr i7p5ej0 i7p5ej1 i7p5ej21 _18ybopc4 i7p5ej7 _1q03wcw0').text
    except:
        job_name = 'not mentioned'
        job_url = 'not available'
        c_name = 'not available'
        job_loc = 'not mentioned'
        salary = 'not mentioned'
    job_info =(job_name,job_url,c_name,job_loc,salary)

    return job_info

def main(position,location):
    records = []
    url = get_url('python developer', 'kuala lumpur')
    response = requests.get(url)
    soup = BeautifulSoup(response.text , 'html.parser')
    cards = soup.find_all('article',{'data-card-type':'JobCard'})

    for i in cards:
        jobdetails = get_jobs(i)
        records.append(jobdetails)

    #here we are using pandas dataframe to save job information in csv file

    col = ['jobname','joburl','companyname','joblocation','salary']

    data = pd.DataFrame(records,columns=col)
    data.to_csv('jobstreet_data.csv',encoding='utf-8')
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In [4]: main('python developer', 'kuala lumpur')
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In [ ]:
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