import csv

import time

from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support.ui import WebDriverWait

from selenium.webdriver.support import expected\_conditions as EC

from selenium.common.exceptions import NoSuchElementException

# Initialize the browser

driver = webdriver.Chrome()

# Open the webpage

url = "https://app.apollo.io/#/login"

driver.get(url)

driver.maximize\_window()

# Wait for the email input field to be present

email\_input = WebDriverWait(driver, 10).until(

EC.presence\_of\_element\_located((By.NAME, "email"))

)

email\_input.send\_keys('santhosh@sarvsri.in')

# Wait for the password input field to be present

password\_selector = "current-password"

password\_input = WebDriverWait(driver, 10).until(

EC.presence\_of\_element\_located((By.ID, password\_selector))

)

password\_input.send\_keys('SARVSRI456')

time.sleep(5)

# Wait for the submit button to be present and clickable

submit\_selector = ".zp-button.zp\_zUY3r.zp\_H\_wRH"

submit\_button = WebDriverWait(driver, 10).until(

EC.element\_to\_be\_clickable((By.CSS\_SELECTOR, submit\_selector))

)

submit\_button.click()

time.sleep(10)

# You can add additional actions or waits as needed.

url\_base = "https://app.apollo.io/#/companies?finderViewId=5b6dfc5a73f47568b2e5f11c&organizationIndustryTagIds[]=5567e1b97369641ea9690200&page={}"

csv\_filename = "company\_data.csv"

# Create a CSV file and write headers

with (open(csv\_filename, mode='w', newline='', encoding='utf-8') as csv\_file):

fieldnames = ['Company Name', 'Website Link', 'LinkedIn Link', 'Facebook Link', 'Twitter Link']

csv\_writer = csv.DictWriter(csv\_file, fieldnames=fieldnames)

csv\_writer.writeheader()

# Loop through pages

for page\_number in range(1, 6):

url = url\_base.format(page\_number)

driver.get(url)

time.sleep(10)

# Wait for the page to load

WebDriverWait(driver, 10).until(EC.presence\_of\_element\_located((By.CSS\_SELECTOR, ".zp\_TvTJg")))

CombinedCss = ".zp\_TvTJg"

Celements= driver.find\_elements(By.CSS\_SELECTOR, CombinedCss)

# Extract company information from the current page

# Extract and write company information to CSV

for Celement in Celements:

company\_selector = ".zp\_J1j17"

company\_element = Celement.find\_element(By.CSS\_SELECTOR, company\_selector)

# Extract company name

company\_name = company\_element.text

print(company\_name)

# Extract links

website\_link = linkedin\_link = facebook\_link = twitter\_link = "N/A"

links\_elements = Celement.find\_elements(By.CSS\_SELECTOR, 'a.zp\_OotKe[href^="http"]')

for link\_element in links\_elements:

href = link\_element.get\_attribute("href")

# print(f"Link: {href}")

if "linkedin" in href:

linkedin\_link = href

elif "facebook" in href:

facebook\_link = href

elif "twitter" in href:

twitter\_link = href

else:

website\_link = href

print(f"Website: {website\_link}")

print(f"LinkedIn: {linkedin\_link}")

print(f"Facebook: {facebook\_link}")

print(f"Twitter: {twitter\_link}")

print("------")

# Write to CSV

csv\_writer.writerow({

'Company Name': company\_name,

'Website Link': website\_link,

'LinkedIn Link': linkedin\_link,

'Facebook Link': facebook\_link,

'Twitter Link': twitter\_link

})

# Close the browser

driver.quit()