from sys import executable

import time

from select import select

from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support.wait import WebDriverWait

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

chrome\_options=webdriver.ChromeOptions()

prefs=("profile.default\_content\_setting\_values.notifications":2)

chrome\_options.add\_experimental\_option(("prefs",prefs))

#initialize chrome browser

driver=webdriver.Chrome('executable\_path=C:/bin/chromedriver3',chrome\_options=chrome\_options)

#OPEN THE BROWSER

driver.get('https://www.cleartrip.com/')

driver.maximize\_window()

#round trip

round\_trip=driver.find\_elements\_by\_id('roundtrip')

round\_trip.click()

time.sleep(2)

#select frankfurt for departure

departure=driver.find\_elements\_by\_id('fromtag')

departure.click()

departure.send\_keys('fra')

time.sleep(4)

cities\_departure=driver.find\_elements\_by\_xpath('//li[@class="list"]')

for city\_1 in cities\_departure:

if 'fra' in city\_1.text:

city\_1.click()

break

time.sleep(3)

#select san\_francisco for arrival

arrival=driver.find\_elements\_by\_id('totag')

arrival.click()

arrival.send\_keys('san')

time.sleep(4)

cities\_arrival=driver.find\_elements\_by\_xpath('//li[@class="list"]')

for city\_2 in cities\_arrival:

if 'SFO' in city\_2.text:

city\_2.click()

break

time.sleep(3)

#departure date

departure\_date=driver.find\_elements\_by\_xpath('//td[@data-month="9"]/a[text()="2"]')

departure.date.click()

time.sleep(2)

#next button

next=driver.find\_elements\_by\_xpath('//a[@class='nextmonth']')

next.click()

#return date

return\_date=driver.find\_elements\_by\_xpath('//td[@data=month="11]/a[text()="21"]')

time.sleep(2)

#adults

adults=driver.find\_elements\_by\_id("adults")

dropdown\_1=Select(adults)

dropdown\_1.select\_by\_index|(1)

time.sleep(2)

#moreoptions to explore

more\_options=driver.find\_elements\_by\_id('moreoptionslink')

more\_options.click()

time.sleep(2)

#class of travel

class\_of\_travel=driver.find\_element\_by\_id("class")

dropdown\_3=select(class\_of\_travel)

dropdown\_3.select\_by\_visible\_text('premium economy')

time.sleep(2)

#search flights

search\_flight=driver.find\_element\_by\_id("searchbin")

search\_flight.click()

#select flight #1

first\_flight=driver.find\_elements\_by\_xpath('//div[@class="col-19"]//div[2]/div[7]/div[1]/div[4]/button')

first\_flight.click()

#flight booked

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