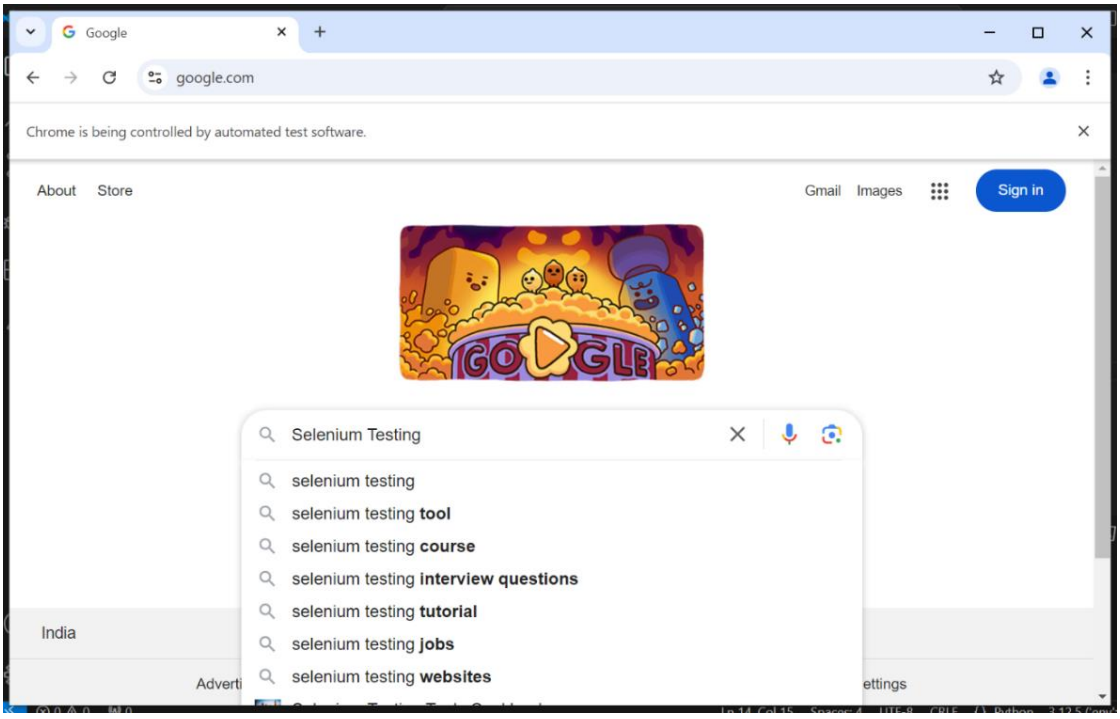
Name :- Jenil Ambawala
Roll No:- 01
Division:- A

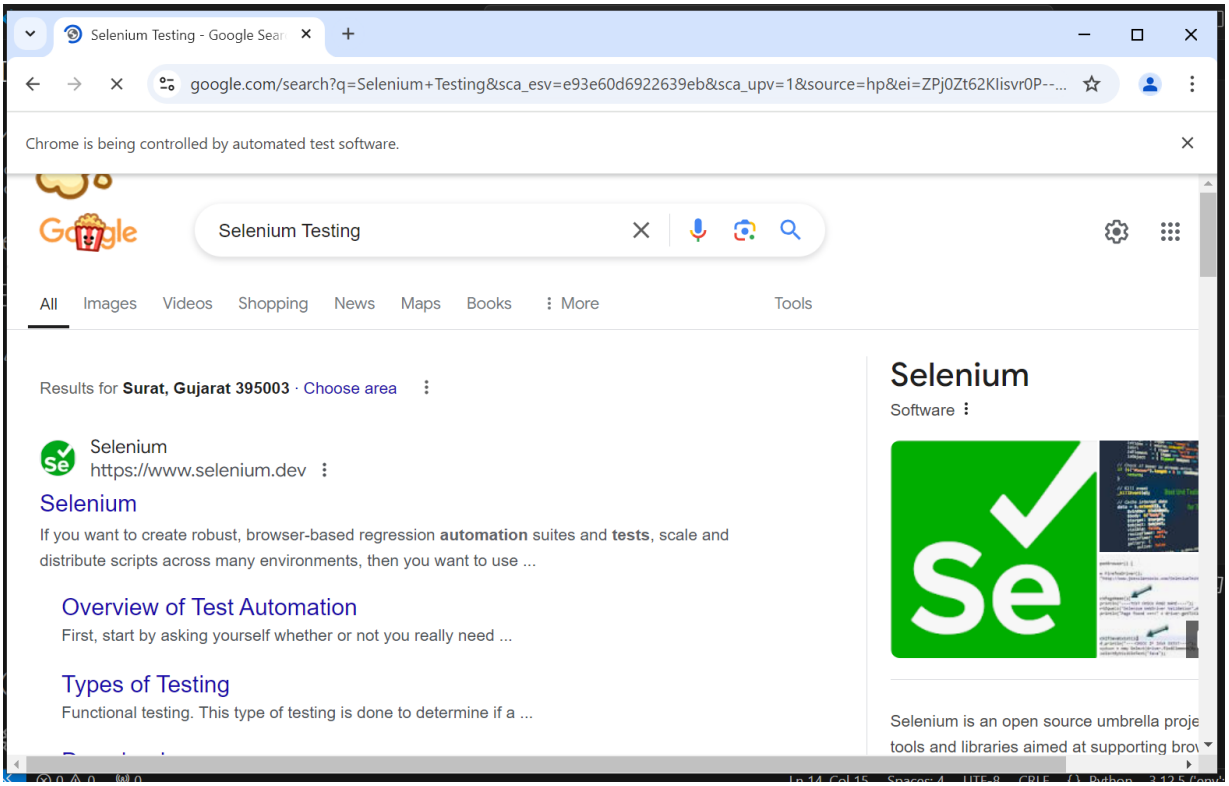
1) Write a Selenium script using Python to navigate to a Google (https://www.google.com) and search "Selenium Testing".

```python
from selenium import webdriver
from selenium.webdriver.common.keys import Keys
import time

driver = webdriver.Chrome()
driver.get("https://www.google.com")

driver.find_element('id',"APjFqb").send_keys("Selenium Testing")
time.sleep(2)

driver.find_element('id',"APjFqb").send_keys(Keys.ENTER)
time.sleep(2)

driver.close()
```

Output :



Name :- Jenil Ambawala
Roll No:- 01
Division:- A



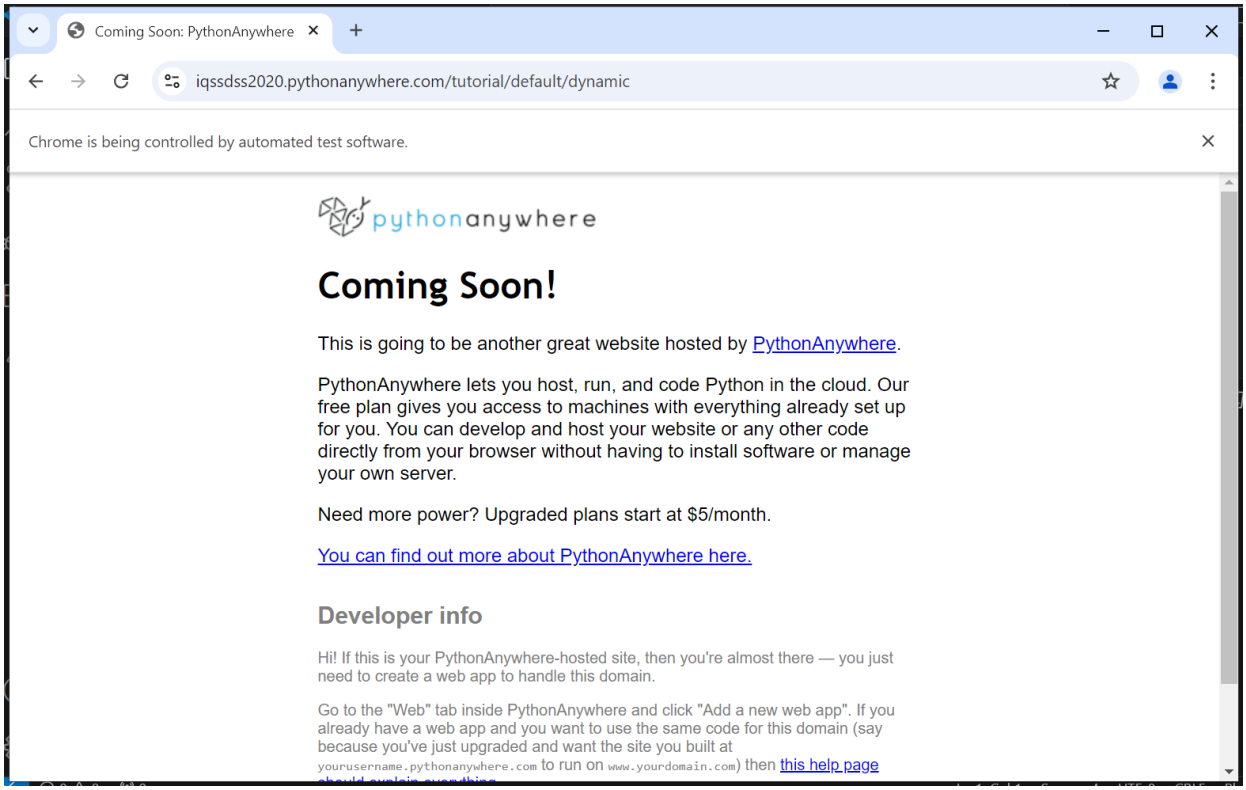
Name :- Jenil Ambawala
Roll No:- 01
Division:- A

2) Create a Selenium script that scraps table data from "https://iqssdss2020.pythonanywhere.com/tutorial/default/dynamic" and store that data into csv file.

```
from selenium import webdriver
import time
from selenium.webdriver.common.by import By

driver = webdriver.Chrome()
table_url = "https://iqssdss2020.pythonanywhere.com/tutorial/default/dynamic"
driver.get(table_url)
time.sleep(3)

file = open("scrap_table.csv", "w", encoding="utf-8")
table_body = driver.find_element(By.XPATH, "//*[@id='result']/table/tbody")
entries = table_body.find_elements(By.TAG_NAME, 'tr')

headers = table_body.find_elements(By.TAG_NAME, 'th')

table_header = ''
for i in range(len(headers)):
    header = headers[i].text
    if i == len(headers) - 1:
        table_header = table_header + header + "\n"
    else:
        table_header = table_header + header + ","

file.write(table_header)

for i in range(1, len(entries)):
    cols = entries[i].find_elements(By.TAG_NAME, "td")
    table_row = ""
    for j in range(len(cols)):
        col = cols[j].text
        if j == len(cols) - 1:
            table_row = table_row + col + "\n"
        else:
            table_row = table_row + col + ","

    file.write(table_row)
```

```
driver.close()
file.close()
```

Output :

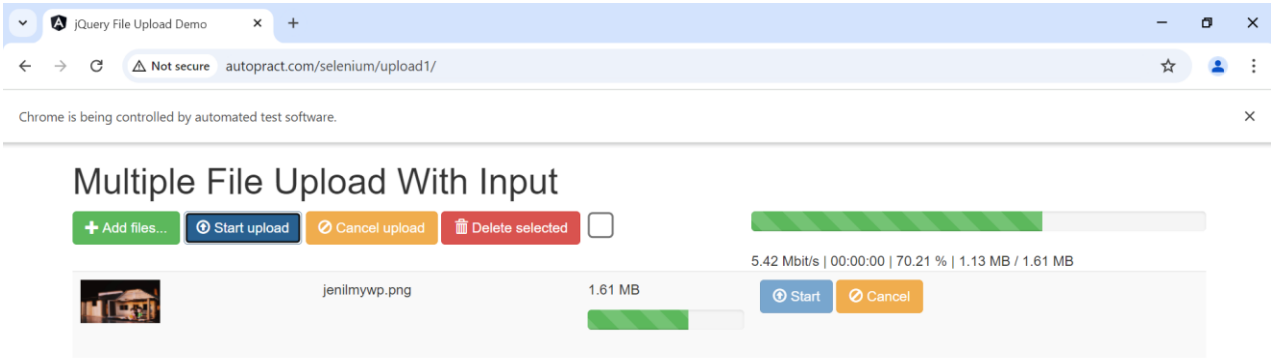


Name :- Jenil Ambawala
Roll No:- 01
Division:- A

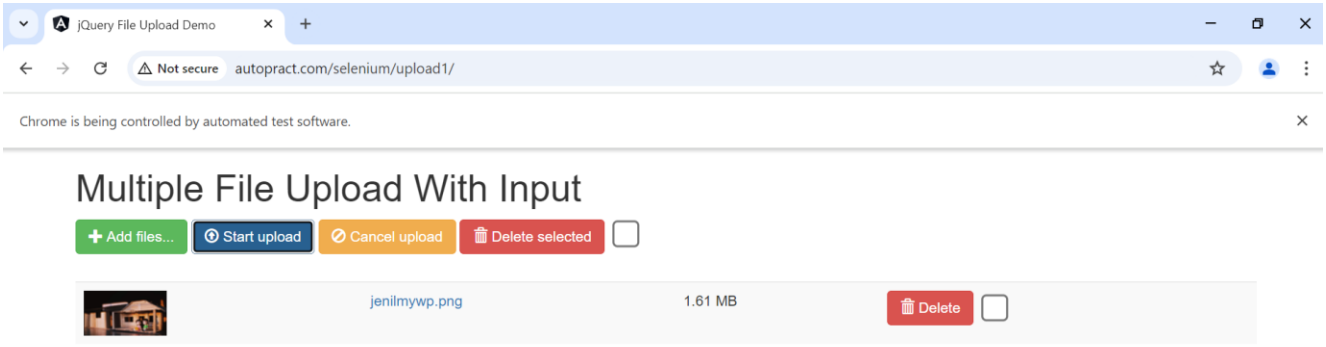
3) Create a Selenium script to upload the Image (http://autopract.com/selenium/upload1/).

```
from selenium import webdriver
from selenium.webdriver.common.by import By
import time

driver = webdriver.Chrome()
driver.maximize_window()

driver.get("http://autopract.com/selenium/upload1/")
file_input = driver.find_element(By.NAME, "files[]")
file_path = "E:/SDJIC/Work/ATF/jenilmywp.png"
file_input.send_keys(file_path)

time.sleep(2)

driver.find_element(By.CLASS_NAME, "start").click()
time.sleep(3)

print(driver.find_element(By.CLASS_NAME, "name").text)
time.sleep(10)

driver.close()
```

Output :



Name :- Jenil Ambawala
Roll No:- 01
Division:- A

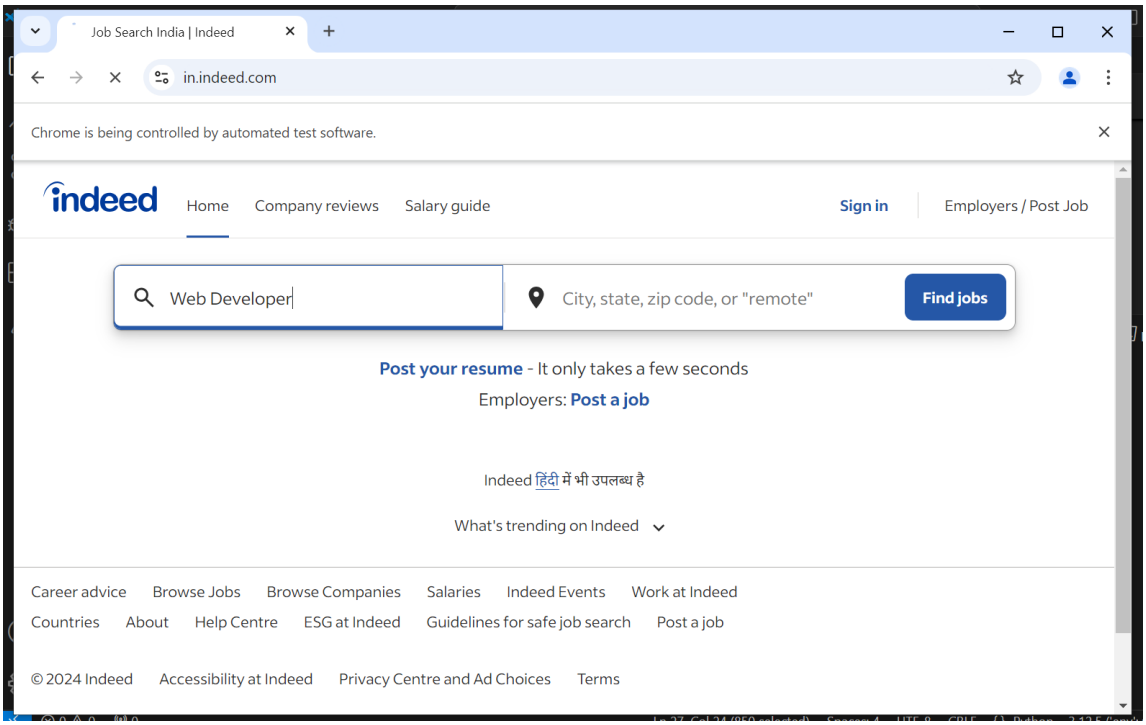


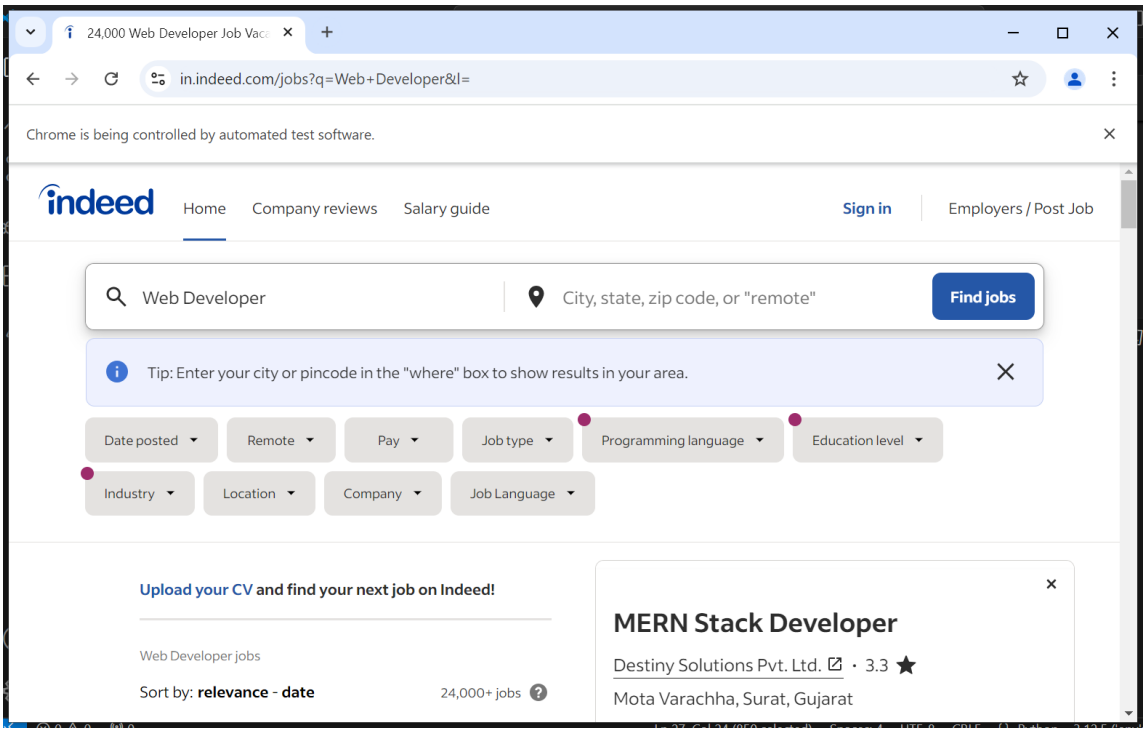
Name :- Jenil Ambawala
Roll No:- 01
Division:- A

4) Create a Selenium script that scraps Web Developer Job details data from Indeed website and store that data into csv file.

```
from selenium import webdriver
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.common.by import By

def indeed_job_search():
    browser = webdriver.Chrome()
    browser.get("https://in.indeed.com/")
    browser.implicitly_wait(2)
    search_bar = browser.find_element("id", "text-input-what")
    search_bar.send_keys('Web Developer')
    search_bar.send_keys(Keys.RETURN)
    browser.implicitly_wait(2)

    search_results = browser.find_elements(By.XPATH,'//h2/a')

    file = open("indeed_job_search.csv", 'a')
    file.write("\n")

    for job_element in search_results:
        job_title = job_element.text
        job_link = job_element.get_attribute('herf')
        file.write("%s | link: %s \n" %(job_title, job_link))

    browser.close()

if __name__ == "__main__":
    indeed_job_search()
```

Output :


Job Search India | Indeed
in.indeed.com
Chrome is being controlled by automated test software.
indeed
Home
Company reviews
Salary guide
Sign in
Employers / Post Job
Web Developer
City, state, zip code, or "remote"
Find jobs
Post your resume - It only takes a few seconds
Employers: Post a job
Indeed हिंदी में भी उपलब्ध है
What's trending on Indeed
Career advice
Browse Jobs
Browse Companies
Salaries
Indeed Events
Work at Indeed
Countries
About
Help Centre
ESG at Indeed
Guidelines for safe job search
Post a job
© 2024 Indeed
Accessibility at Indeed
Privacy Centre and Ad Choices
Terms


24,000 Web Developer Job Vac
in.indeed.com/jobs?q=Web+Developer&l=
Chrome is being controlled by automated test software.
indeed
Home
Company reviews
Salary guide
Sign in
Employers / Post Job
Web Developer
City, state, zip code, or "remote"
Find jobs
Tip: Enter your city or pincode in the "where" box to show results in your area.
Date posted
Remote
Pay
Job type
Programming language
Education level
Industry
Location
Company
Job Language
Upload your CV and find your next job on Indeed!
Web Developer jobs
Sort by: relevance - date
24,000+ jobs
MERN Stack Developer
Destiny Solutions Pvt. Ltd. · 3.3
Mota Varachha, Surat, Gujarat

Name :- Jenil Ambawala
Roll No:- 01
Division:- A

	A	B	C	D	E	F	G
1							
2	MERN Stack Developer | link: None						
3	Web Designer/Developer | link: None						
4	Web Developer | link: None						
5	Web Developer | link: None						
6	Web Developer Intern | link: None						
7	Web Developer | link: None						
8	Web Developer | link: None						
9	Web Developer | link: None						
10	Web Developer | link: None						
11	React.JS Developer Interns | link: None						
12	PHP Laravel Developer (2+ years of Exp) for Ahmedabad | link: None						
13	Web Developer | link: None						
14	Web Developer (Remote) | link: None						
15	Full Stack Developer | link: None						
16	HTML	CSS	JavaScript | link: None				
17							
18							
19							
20							

indeed_job_search

Name :- Jenil Ambawala
Roll No:- 01
Division:- A

5) Write a Selenium script that scraps text from https://www.federalregister.gov/documents/2013/09/24/2013-21228/affirmative-action-andnondiscrimination-obligations-of-contractors-and-subcontractors-regarding.

```
from selenium import webdriver
import time
from selenium.webdriver.common.by import By

driver = webdriver.Chrome()
journalAddress = "https://www.federalregister.gov/documents/2013/09/24/2013-
21228/affirmative-action-and-nondiscrimination-obligations-of-contractors-and-
subcontractors-regarding"
driver.get(journalAddress)
time.sleep(3)

articleObjects = driver.find_elements(By.XPATH,
'//div[@id="fulltext_content_area"]/*')

articleDictionary = dict()
myKey = ""
myValue_total = ""

for i in range(len(articleObjects)):
    tagName = articleObjects[i].tag_name
    if tagName.startswith("h"):
        if myKey:
            articleDictionary[myKey] = myValue_total
            myKey = ""
            myValue_total = ""
        myKey = articleObjects[i].get_attribute("innerText")
    if tagName.startswith("p"):
        myValue = articleObjects[i].get_attribute("innerText")
        myValue_total = myValue_total + myValue
    if tagName.startswith("ul"):
        myBullets = articleObjects[i].find_elements(By.XPATH, 'li')
        for j in range(len(myBullets)):
            myBullet = myBullets[j].get_attribute("innerText")
            myValue_total = myValue_total + myBullet
driver.close()

article = ""
```

```
for key, value in articleDictionary.items():
    article = article + key + '\n\n' + value + "\n\n********************\n\n"
print(article)
```

Output :

Name :- Jenil Ambawala
Roll No:- 01
Division:- A

6) Implement an Explicit Wait in a Selenium script. Choose a scenario, such as waiting for an element to be clickable, and create a script that demonstrates the proper usage of explicit waits to improve test stability.

```
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
import time

# Create a new instance of the Chrome driver
driver = webdriver.Chrome()

# Navigate to the URL
driver.get("https://www.federalregister.gov/documents/2013/09/24/2013-
21228/affirmative-action-andnondiscrimination-obligations-of-contractors-and-
subcontractors-regarding")

# Wait for the "Search" button to be clickable
search_button = WebDriverWait(driver, 10).until(
    EC.element_to_be_clickable((By.ID, "search-button"))
)

# Click the "Search" button
search_button.click()

# Wait for the search results to be loaded
search_results = WebDriverWait(driver, 10).until(
    EC.presence_of_all_elements_located((By.CSS_SELECTOR, ".search-result"))
)

# Print the number of search results
print(f"Found {len(search_results)} search results")

# Close the browser
driver.quit()
```

Name :- Jenil Ambawala
Roll No:- 01
Division:- A

Output :

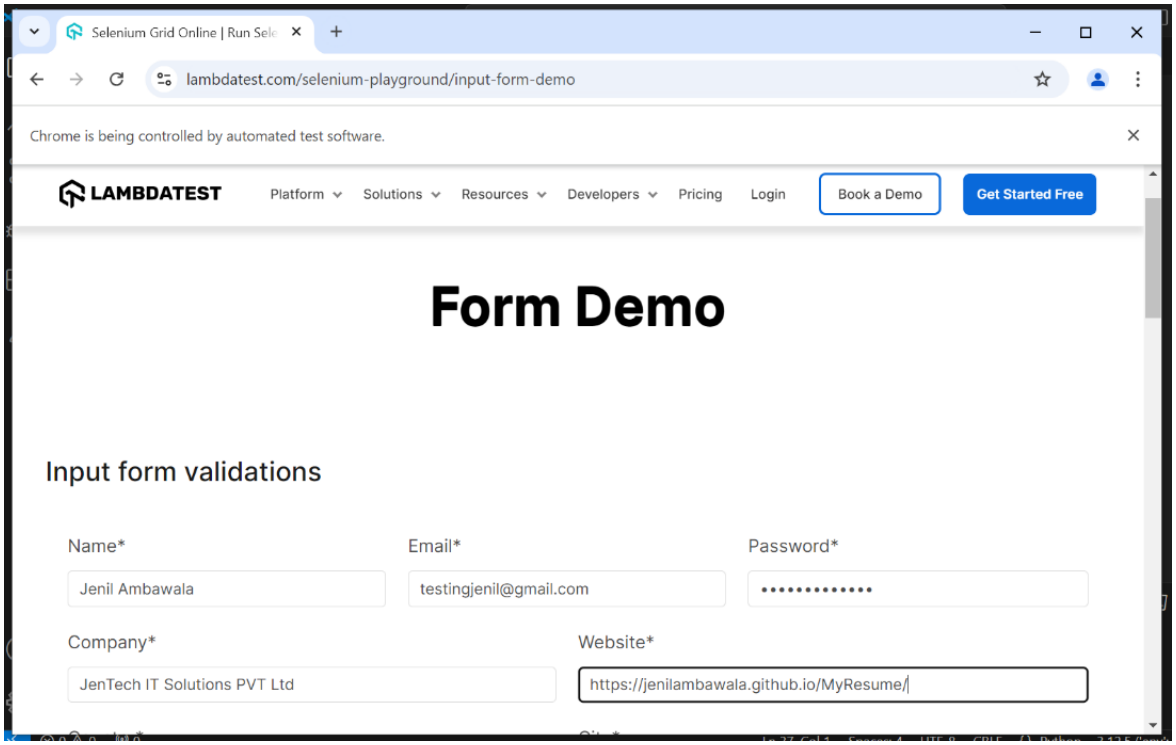
Name :- Jenil Ambawala
Roll No:- 01
Division:- A

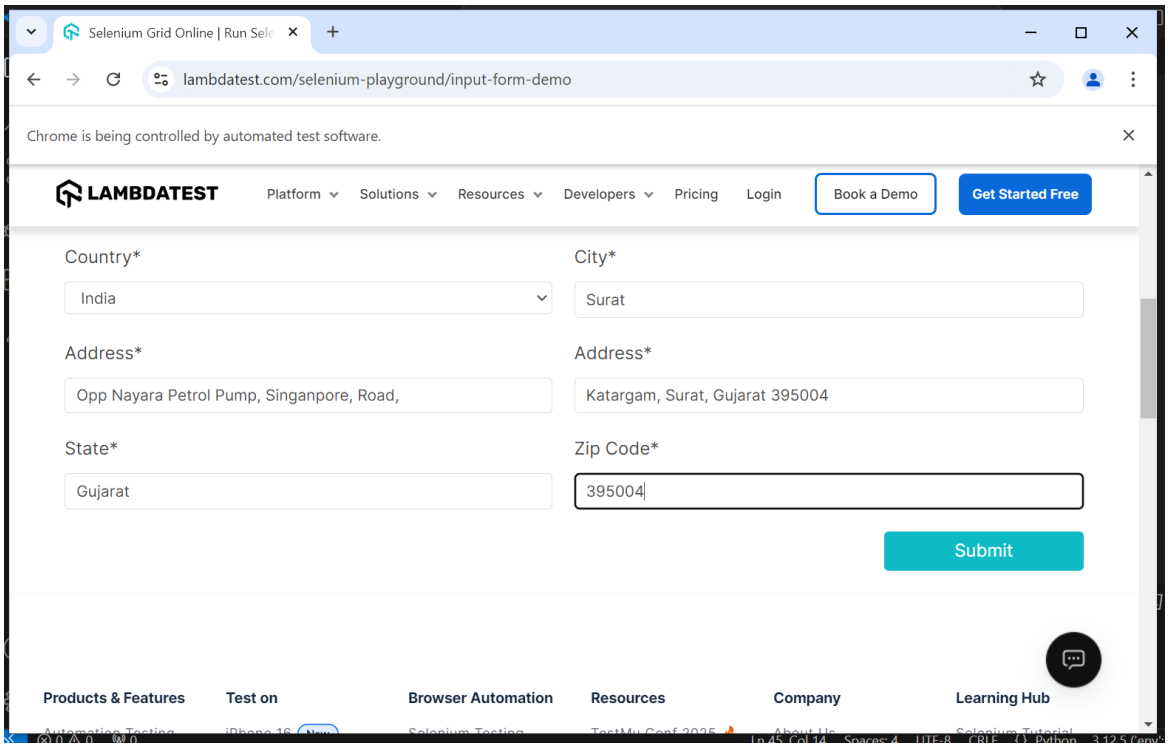
7) Create a Selenium Script for Automating Input form and submit the form. (https://www.lambdatest.com/selenium-playground/input-form-demo).

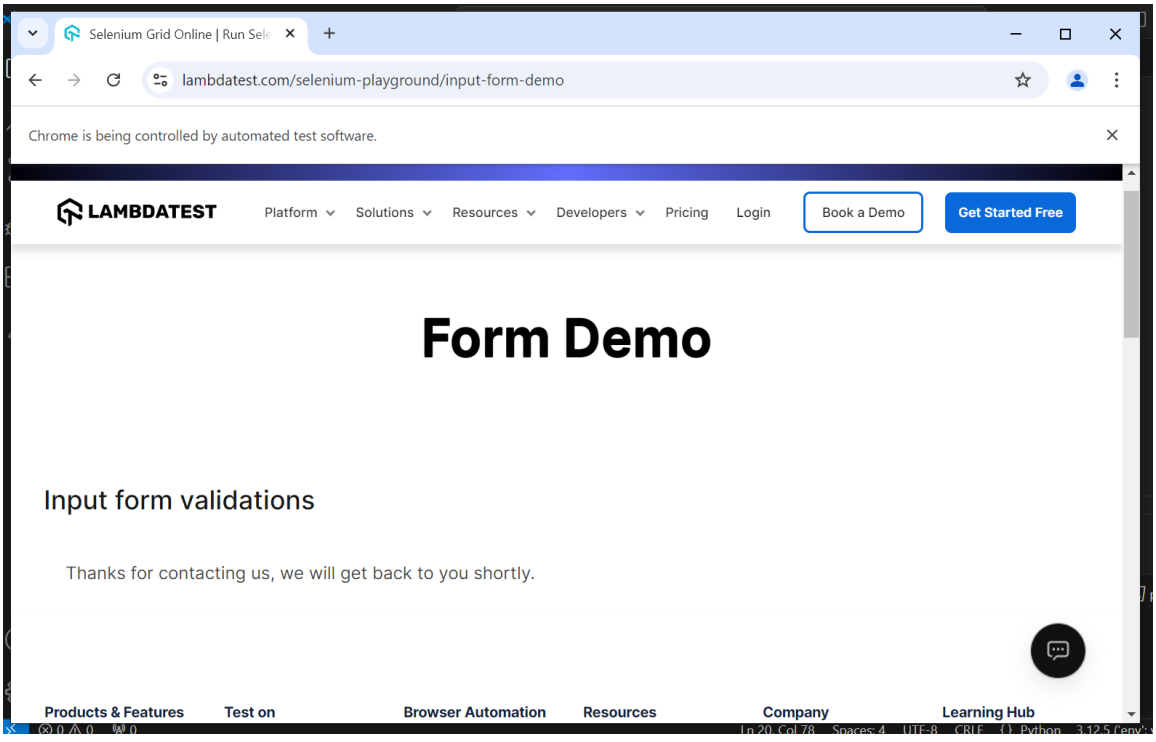
```
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.support.ui import Select
import time

driver = webdriver.Chrome()

driver.get("https://www.lambdatest.com/selenium-playground/input-form-demo")
# print(driver.title)

driver.find_element('id',"name").send_keys("Jenil Ambawala")
time.sleep(1)

driver.find_element('id',"inputEmail4").send_keys("testingjenil@gmail.com")
time.sleep(1)

driver.find_element('id',"inputPassword4").send_keys("Journal@Jenil")
time.sleep(1)

driver.find_element('id',"company").send_keys("JenTech IT Solutions PVT Ltd")
time.sleep(1)

driver.find_element('id',"websitename").send_keys("https://jenilambawala.github
.io/MyResume/")
time.sleep(1)

# Select Country
lambdatest = Select(driver.find_element(By.NAME, "country"))
lambdatest.select_by_visible_text("India")
time.sleep(1)

driver.find_element('id',"inputCity").send_keys("Surat")
time.sleep(1)

driver.find_element('id',"inputAddress1").send_keys("Opp Nayara Petrol Pump,
Singanpore, Road,")
time.sleep(1)
```

```
driver.find_element('id',"inputAddress2").send_keys("Katargam, Surat, Gujarat
395004")
time.sleep(1)

driver.find_element('id',"inputState").send_keys("Gujarat")
time.sleep(1)

driver.find_element('id',"inputZip").send_keys("395004")
time.sleep(5)

# Submit Button
driver.find_element(By.CLASS_NAME, "selenium_btn").click()
time.sleep(10)

driver.close()
```

Output :




Selenium Grid Online | Run Sele
lambdatest.com/selenium-playground/input-form-demo
Chrome is being controlled by automated test software.
LAMBDATEST
Platform
Solutions
Resources
Developers
Pricing
Login
Book a Demo
Get Started Free
Country*
India
City*
Surat
Address*
Opp Nayara Petrol Pump, Singanpore, Road,
Address*
Katargam, Surat, Gujarat 395004
State*
Gujarat
Zip Code*
395004
Submit
Products & Features
Test on
Browser Automation
Resources
Company
Learning Hub


Selenium Grid Online | Run Sele
lambdatest.com/selenium-playground/input-form-demo
Chrome is being controlled by automated test software.
LAMBDATEST
Platform
Solutions
Resources
Developers
Pricing
Login
Book a Demo
Get Started Free
Form Demo
Input form validations
Thanks for contacting us, we will get back to you shortly.
Products & Features
Test on
Browser Automation
Resources
Company
Learning Hub

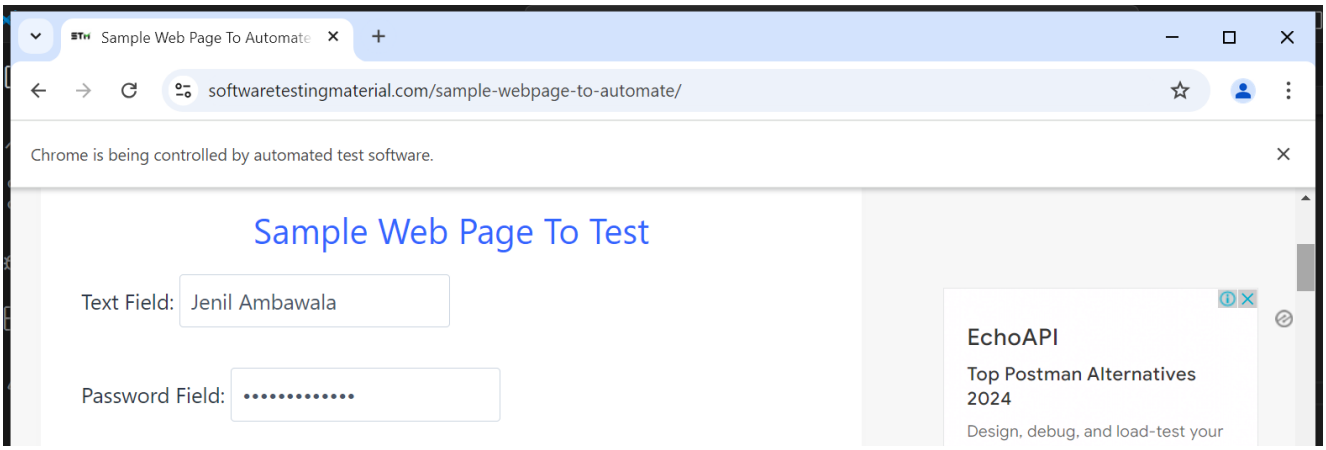
8) Create a Selenium script that automates the form inputs and submit it. (https://www.softwaretestingmaterial.com/sample-webpage-to-automate/).

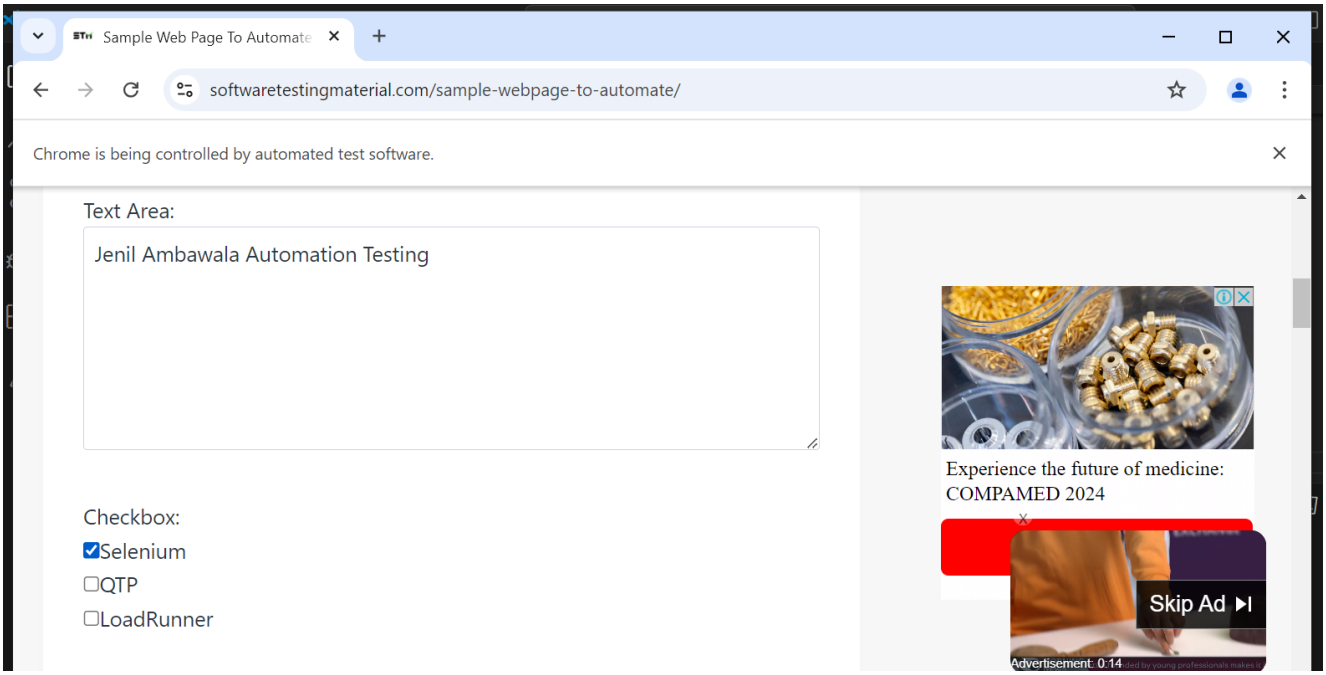
```
import time
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.support.ui import Select
from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as EC

driver = webdriver.Chrome()

driver.get("https://www.softwaretestingmaterial.com/sample-webpage-to-
automate/")

# Sample Web Page To Test

driver.find_element('name', "username").send_keys("Jenil Ambawala")
time.sleep(1)

driver.switch_to.default_content()

driver.find_element('name', "password").send_keys("Journal@Jenil")
time.sleep(1)

driver.find_element('name', "comments").send_keys("Jenil Ambawala Automation
Testing")
time.sleep(1)

# Checkbox
driver.find_element(By.XPATH, "//input[@value='cbselenium']").click()
time.sleep(1)

# Radio Button
driver.find_element('name', "radioselenium").click()
time.sleep(1)

# Multiple Select Values
hobbies = Select(driver.find_element(By.NAME, "multipleselect[]"))
hobbies.select_by_visible_text("Selenium")
hobbies.select_by_visible_text("Performance Testing")
```

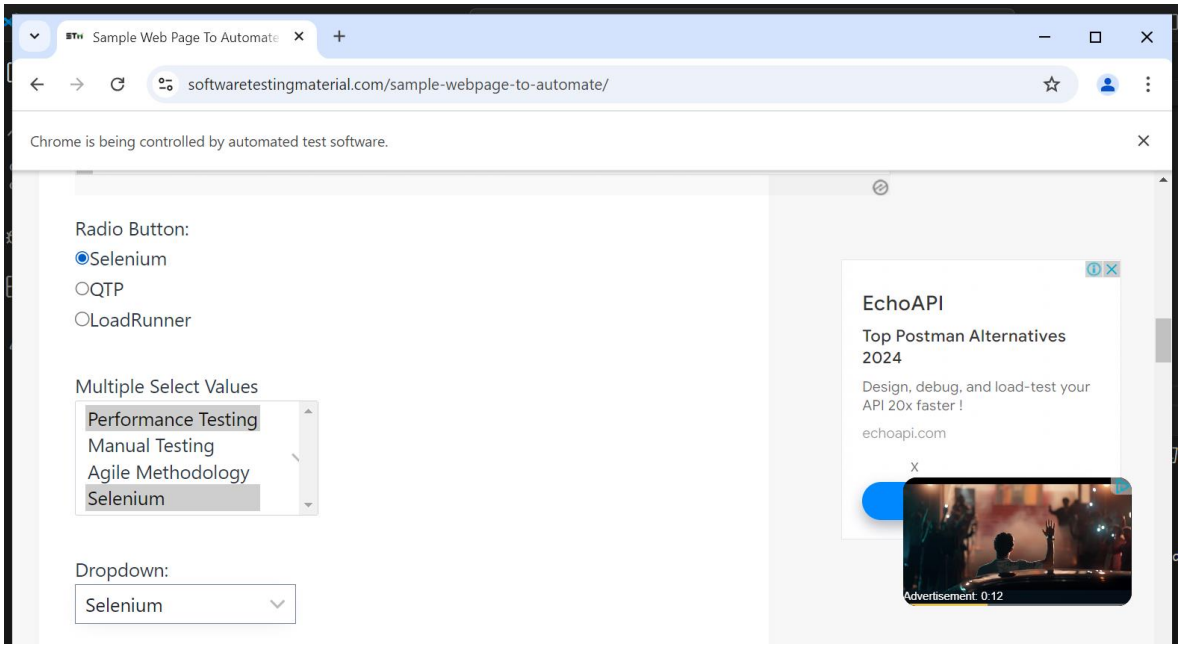
```
# Dropdown
lambdatest = Select(driver.find_element(By.NAME, "dropdown"))
lambdatest.select_by_value('ddselenium')
time.sleep(2)

# Date Picker
driver.find_element(By.NAME, 'bday').send_keys("10-11-2002")
time.sleep(3)

# Upload File
file_input = driver.find_element(By.NAME, "filename")
file_path = "E:/SDJIC/Work/ATF/jenilmywp.png "
file_input.send_keys(file_path)
time.sleep(3)

# Download FIle
driver.find_element(By.LINK_TEXT, "Download CSV File").click()
time.sleep(3)

# Select Table
WebDriverWait(driver,
10).until(EC.visibility_of_element_located((By.CLASS_NAME, 'spTable')))
employee_name = "Employee 2"
rows = driver.find_elements(By.XPATH,
"//table[@class='spTable']//tr[@class='spTableTr']")

for row in rows:
    # Check if the row contains the employee name
    if employee_name in row.text:
        # Locate the radio button in the same row and click it
        radio_button = row.find_element(By.XPATH, ".//input[@type='radio']")
        radio_button.click()

time.sleep(3)

# Button Click
driver.find_element('name', "spbutton").click()
time.sleep(3)

# Leave a Reply Form

# textarea => comment
```

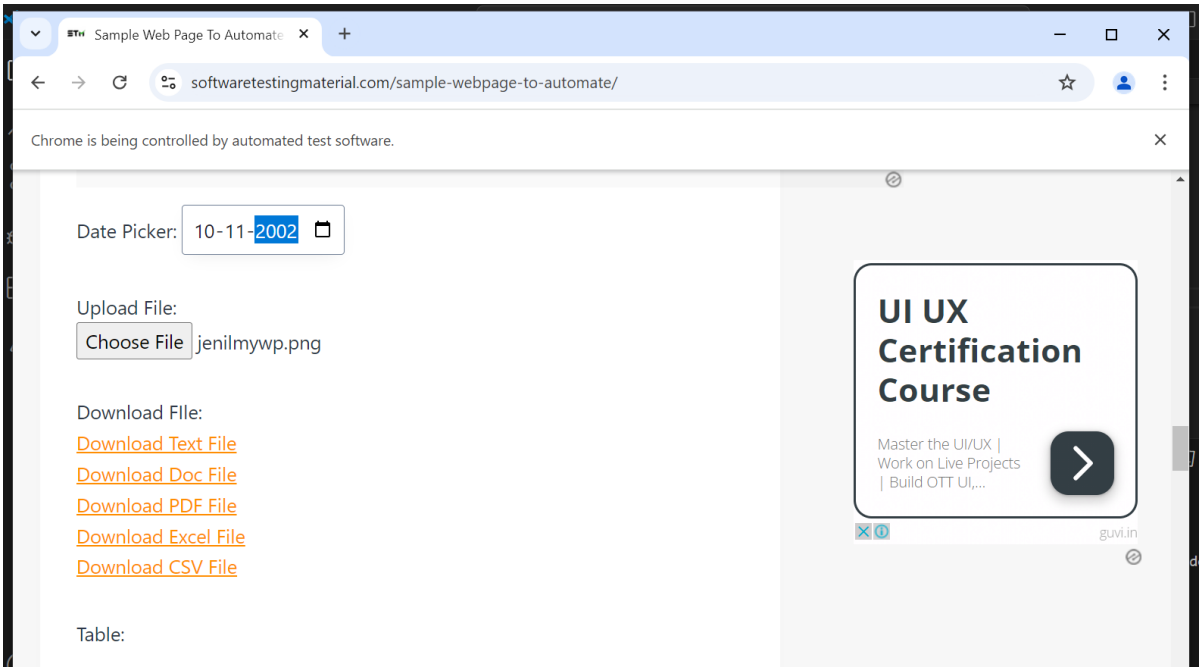
```
driver.find_element('id', "comment").send_keys("Jenil Ambawala is on 2 days
Leave from Personal Reason.")
time.sleep(1)

# Name
driver.find_element('id', "author").send_keys("Jenil Ambawala")
time.sleep(1)

# Mail
driver.find_element('id', "email").send_keys("testing.jenil@gmail.com")
time.sleep(1)

# Website
driver.find_element('id',
"url").send_keys("https://jenilambawala.github.io/MyResume/")
time.sleep(1)

# Submit
driver.find_element('id', "submit").click()
time.sleep(10)

driver.close()
```

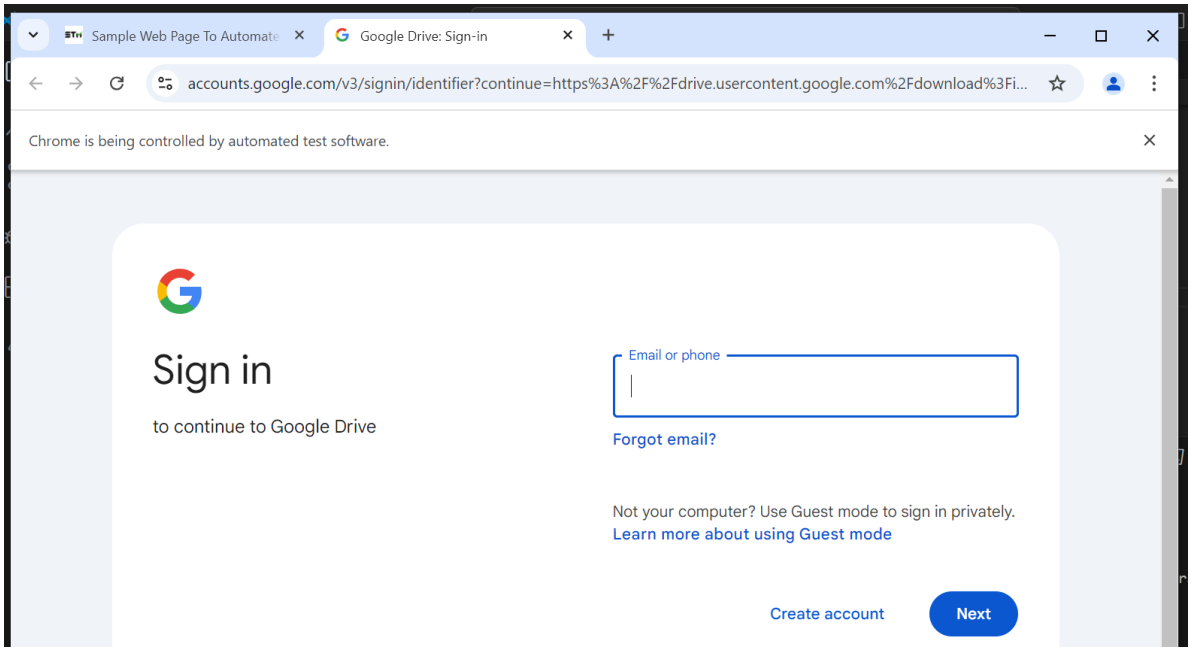
Output :

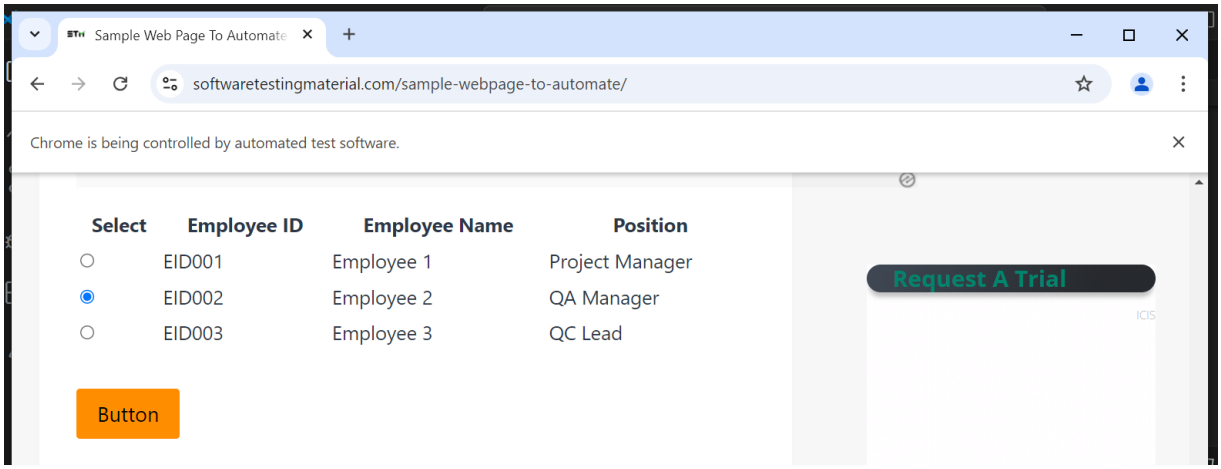


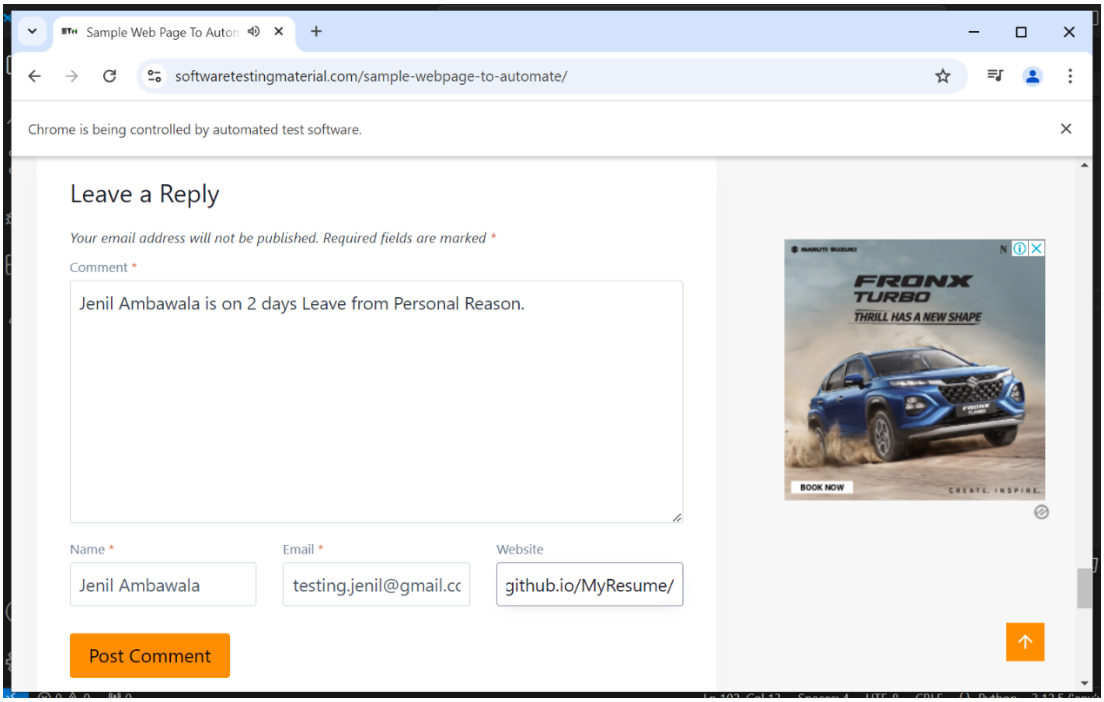

Sample Web Page To Automate
softwaretestingmaterial.com/sample-webpage-to-automate/
Chrome is being controlled by automated test software.
Text Area:
Jenil Ambawala Automation Testing
Checkbox:
Selenium
QTP
LoadRunner
Experience the future of medicine:
COMPAMED 2024
Skip Ad
Advertisement: 0:14

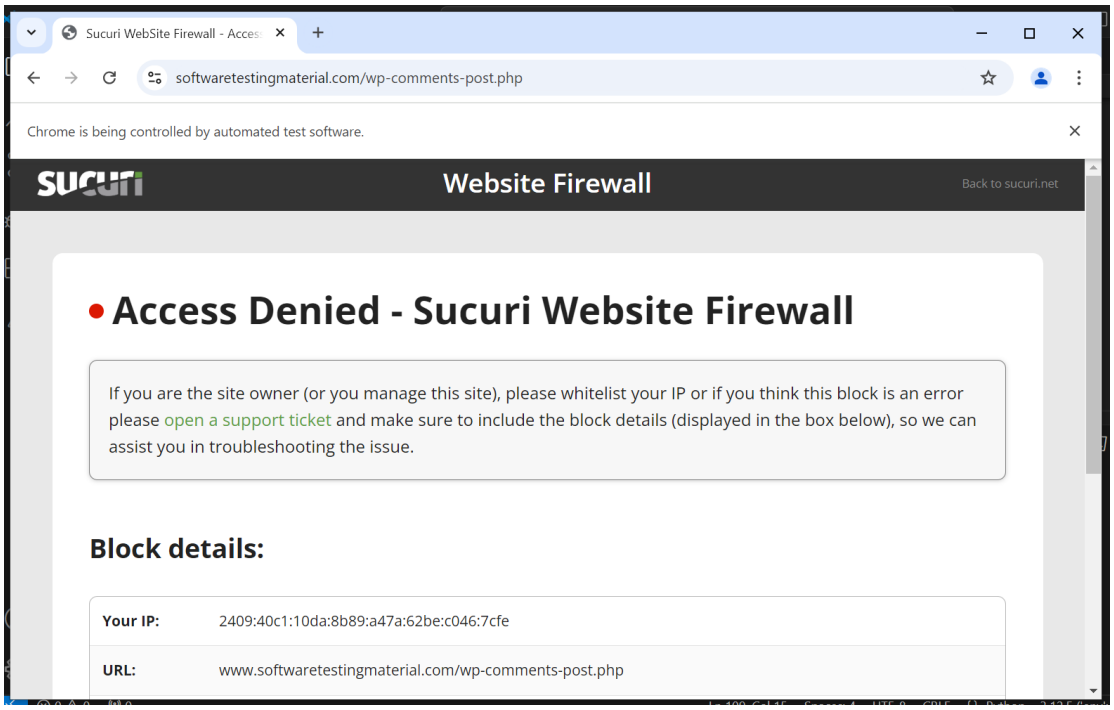

Sample Web Page To Automate
softwaretestingmaterial.com/sample-webpage-to-automate/
Chrome is being controlled by automated test software.
Radio Button:
Selenium
QTP
LoadRunner
Multiple Select Values
Performance Testing
Manual Testing
Agile Methodology
Selenium
Dropdown:
Selenium
EchoAPI
Top Postman Alternatives 2024
Design, debug, and load-test your API 20x faster !
echoapi.com
Advertisement: 0:12

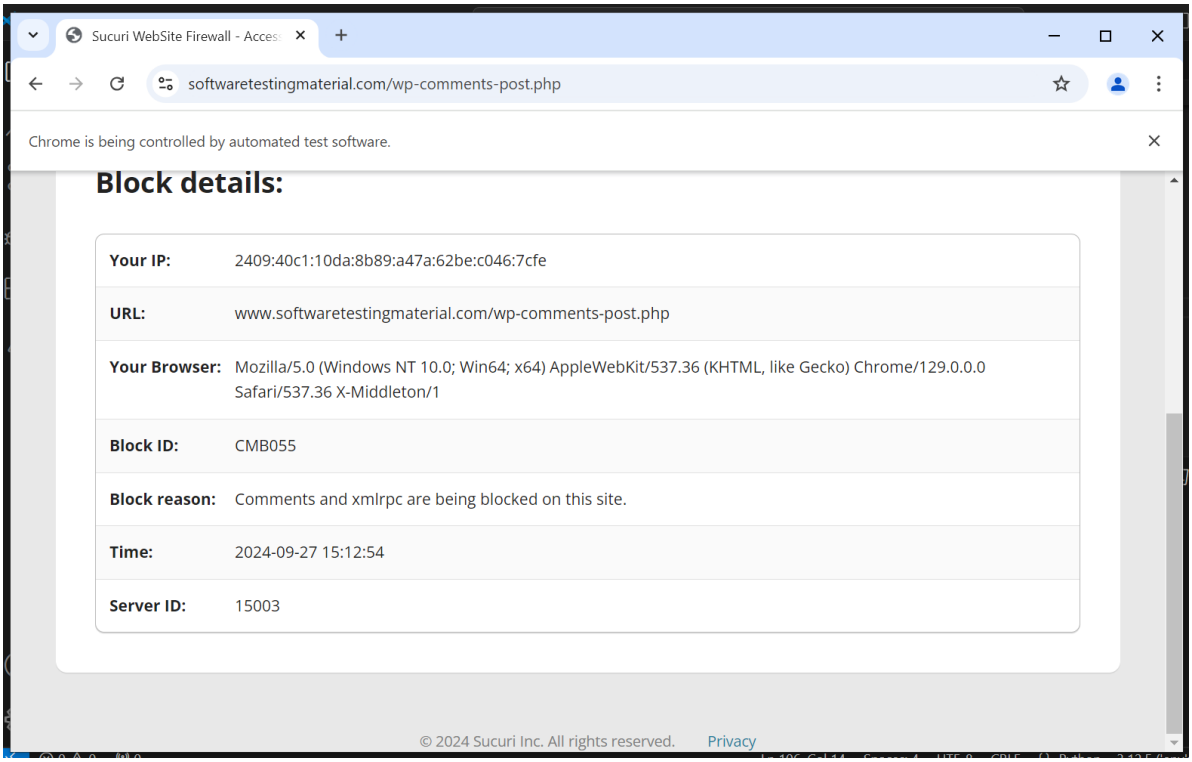

Sample Web Page To Automate
softwaretestingmaterial.com/sample-webpage-to-automate/
Chrome is being controlled by automated test software.
Date Picker: 10-11-2002
Upload File:
Choose File jenilmywp.png
Download FIle:
Download Text File
Download Doc File
Download PDF File
Download Excel File
Download CSV File
Table:
UI UX Certification Course
Master the UI/UX | Work on Live Projects | Build OTT UI,...
guvi.in


Sample Web Page To Automate
Google Drive: Sign-in
accounts.google.com/v3/signin/identifier?continue=https%3A%2F%2Fdrive.usercontent.google.com%2Fdownload%3Fi...
Chrome is being controlled by automated test software.
Sign in
to continue to Google Drive
Email or phone
Forgot email?
Not your computer? Use Guest mode to sign in privately.
Learn more about using Guest mode
Create account
Next


Sample Web Page To Automate
softwaretestingmaterial.com/sample-webpage-to-automate/
Chrome is being controlled by automated test software.
Select
Employee ID
Employee Name
Position
EID001
Employee 1
Project Manager
EID002
Employee 2
QA Manager
EID003
Employee 3
QC Lead
Button
Request A Trial


Sample Web Page To Auto
softwaretestingmaterial.com/sample-webpage-to-automate/
Chrome is being controlled by automated test software.
Leave a Reply
Your email address will not be published. Required fields are marked *
Comment *
Jenil Ambawala is on 2 days Leave from Personal Reason.
FRONX TURBO
THRILL HAS A NEW SHAPE
BOOK NOW
Name *
Email *
Website
Jenil Ambawala
testing.jenil@gmail.cc
github.io/MyResume/
Post Comment


Sucuri WebSite Firewall - Acces
softwaretestingmaterial.com/wp-comments-post.php
Chrome is being controlled by automated test software.
SUCURI
Website Firewall
Back to sucuri.net
Access Denied - Sucuri Website Firewall
If you are the site owner (or you manage this site), please whitelist your IP or if you think this block is an error please open a support ticket and make sure to include the block details (displayed in the box below), so we can assist you in troubleshooting the issue.
Block details:
Your IP: 2409:40c1:10da:8b89:a47a:62be:c046:7cfe
URL: www.softwaretestingmaterial.com/wp-comments-post.php


Sucuri WebSite Firewall - Acces
softwaretestingmaterial.com/wp-comments-post.php
Chrome is being controlled by automated test software.
Block details:
Your IP: 2409:40c1:10da:8b89:a47a:62be:c046:7cfe
URL: www.softwaretestingmaterial.com/wp-comments-post.php
Your Browser: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/129.0.0.0 Safari/537.36 X-Middleton/1
Block ID: CMB055
Block reason: Comments and xmlrpc are being blocked on this site.
Time: 2024-09-27 15:12:54
Server ID: 15003
© 2024 Sucuri Inc. All rights reserved.
Privacy