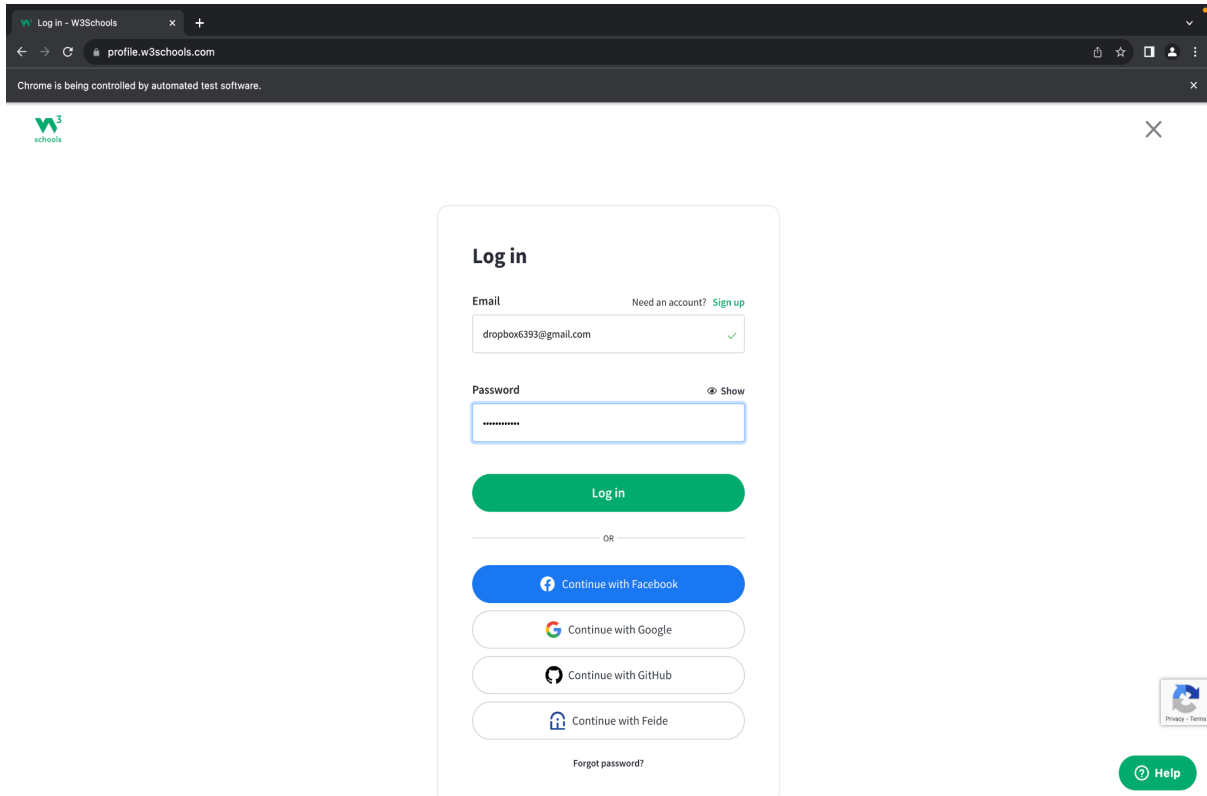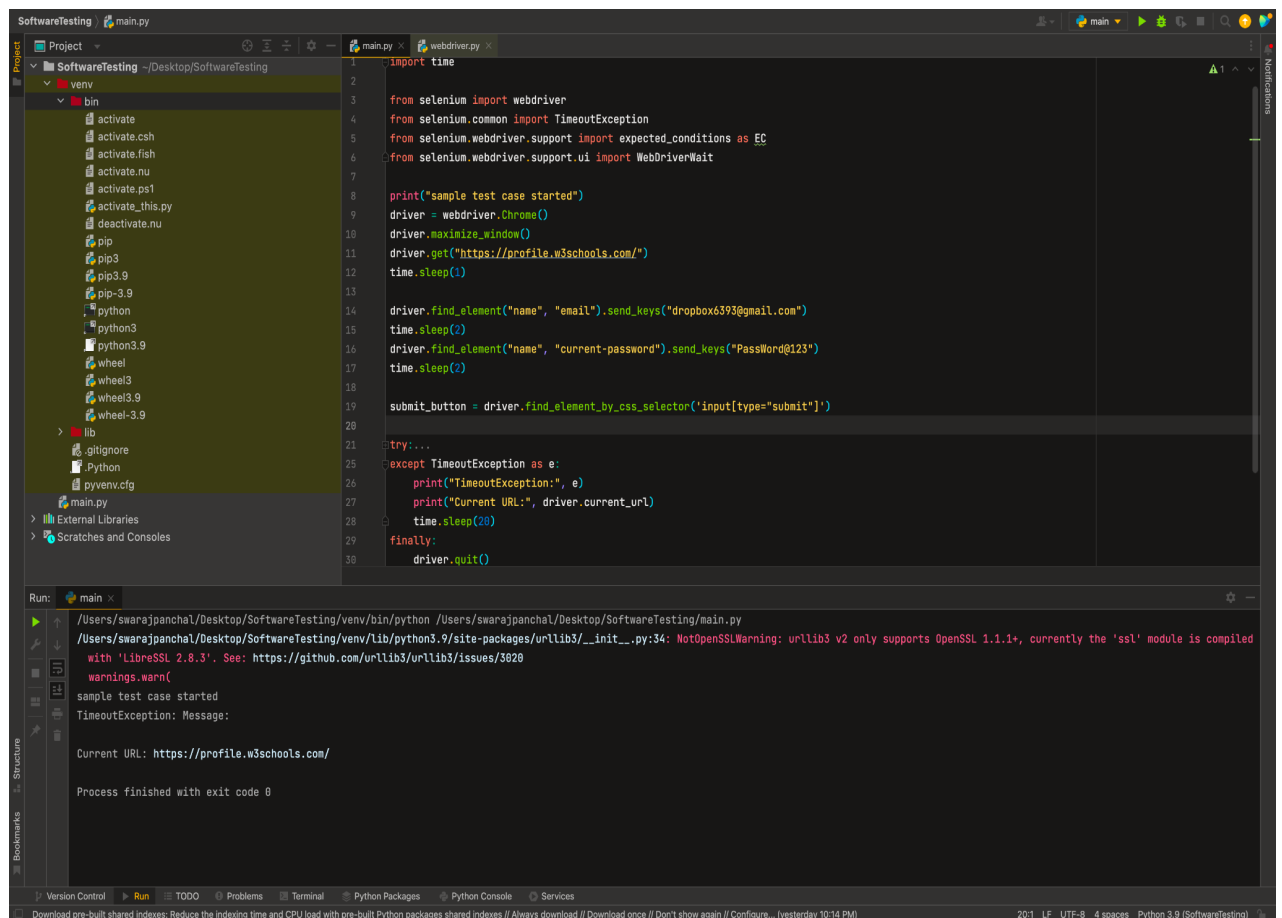# Task:

Test Automation Framework Setup: Task: Set up a basic test automation framework using a tool of their choice (e.g., Selenium, Appium, or any other relevant tool). Include sample test cases and demonstrate the execution of test scripts.

Process:

Designed a test case using python script by webdriver.

Code Terminal Screenshot:

```
SoftwareTesting > main.py                                                                                main ▶ ▲ ▣ ■ ⊙ ◐ ▶

Project                                              main.py ×    webdriver.py ×
SoftwareTesting ~/Desktop/SoftwareTesting         1    import time                                                            ⚠ 1 ∧ ∨
  venv                                            2
    bin                                           3    from selenium import webdriver
      activate                                    4    from selenium.common import TimeoutException
      activate.csh                                5    from selenium.webdriver.support import expected_conditions as EC
      activate.fish                               6    from selenium.webdriver.support.ui import WebDriverWait
      activate.nu                                 7
      activate.ps1                                8    print("sample test case started")
      activate_this.py                            9    driver = webdriver.Chrome()
      deactivate.nu                              10    driver.maximize_window()
      pip                                        11    driver.get("https://profile.w3schools.com/")
      pip3                                       12    time.sleep(1)
      pip3.9                                      13
      pip-3.9                                    14    driver.find_element("name", "email").send_keys("dropbox6393@gmail.com")
      python                                     15    time.sleep(2)
      python3                                    16    driver.find_element("name", "current-password").send_keys("PassWord@123")
      python3.9                                  17    time.sleep(2)
      wheel                                       18
      wheel3                                     19    submit_button = driver.find_element_by_css_selector('input[type="submit"]')
      wheel3.9                                   20
      wheel-3.9                                  21    try:...
    lib                                          25    except TimeoutException as e:
    .gitignore                                   26        print("TimeoutException:", e)
    .Python                                      27        print("Current URL:", driver.current_url)
    pyvenv.cfg                                   28        time.sleep(20)
  main.py                                        29    finally:
  External Libraries                             30        driver.quit()
  Scratches and Consoles

Run:    main ×                                                                                                        ⚙ —
▶   /Users/swarajpanchal/Desktop/SoftwareTesting/venv/bin/python /Users/swarajpanchal/Desktop/SoftwareTesting/main.py
    /Users/swarajpanchal/Desktop/SoftwareTesting/venv/lib/python3.9/site-packages/urllib3/__init__.py:34: NotOpenSSLWarning: urllib3 v2 only supports OpenSSL 1.1.1+, currently the 'ssl' module is compiled
      with 'LibreSSL 2.8.3'. See: https://github.com/urllib3/urllib3/issues/3020
      warnings.warn(
    sample test case started
    TimeoutException: Message:

    Current URL: https://profile.w3schools.com/

    Process finished with exit code 0

Version Control    ▶ Run    TODO    Problems    Terminal    Python Packages    Python Console    Services
Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built Python packages shared indexes // Always download // Download once // Don't show again // Configure... (yesterday 10:14 PM)    20:1  LF  UTF-8  4 spaces  Python 3.9 (SoftwareTesting)
```