

Laborator 7-8

Pașii de urmat pentru interacțiunea cu Facebook

1. Crearea unui cont de fb sau folosirea unui cont existent
2. Instalarea bibliotecilor din terminal

```
‘ pip install selenium  
‘ pip install webdriver_manager
```

3. Utilizarea codului

```
from selenium import webdriver  
from webdriver_manager.firefox import GeckoDriverManager  
from webdriver_manager.chrome import ChromeDriverManager  
import time
```

```
LOGIN_URL = 'https://www.facebook.com/login.php'
```

```
class FacebookLogin():  
    def __init__(self, email, password, browser='Chrome'):  
        # Store credentials for login  
        self.email = email  
        self.password = password  
        if browser == 'Chrome':  
            # Use chrome  
            self.driver = webdriver.Chrome(executable_path=ChromeDriverManager().install())  
        elif browser == 'Firefox':  
            # Set it to Firefox  
            self.driver = webdriver.Firefox(executable_path=GeckoDriverManager().install())  
        self.driver.get(LOGIN_URL)  
        time.sleep(1) # Wait for some time to load  
  
    def login(self):  
        email_element = self.driver.find_element_by_id('email')  
        email_element.send_keys(self.email) # Give keyboard input  
        password_element = self.driver.find_element_by_id('pass')  
        password_element.send_keys(self.password) # Give password as input too  
        login_button = self.driver.find_element_by_id('loginbutton')  
        login_button.click() # Send mouse click  
        time.sleep(2) # Wait for 2 seconds for the page to show up  
  
if __name__ == '__main__':  
    # Enter your login credentials here  
    fb_login = FacebookLogin(email='sample@example.com', password='PASSWORD',  
                             browser='Firefox')  
    fb_login.login()
```