HEADLESS BROWSER :

A headless browser is a browser simulation program that does not have a user interface. These programs operate like any other browser, but do not display any UI. When Selenium tests are run, it executes in the background.

#Now let's begin configuring Selenium to work with headless Chrome. We'll do this by first creating a ChromeOptions object that we can use to configure the options that will be passed to the WebDriver initializer.

from selenium import webdriver

from selenium.webdriver.common.keys import Keys

options = webdriver.ChromeOptions()

#We will also need to specify that Chrome should be started in headless mode. This can be done with the add_argument method

options.add_argument('headless')

#You can now specify any additional options and then finally initialize the driver.

options.add_argument('window-size=1200x600')

driver = webdriver.Chrome(chrome_options=options)

We'll start by navigating to the Facebook main page and grabbing the login form elements.

user=" "

password=" "

driver.get("https://www.facebook.com/")

assert "Facebook" in driver.title

elem=driver.find_element_by_id("email")

elem.send_keys(user)

elem=driver.find_element_by_id("pass")

elem.send_keys(password)

elem.send_keys(Keys.RETURN)

driver.close()