**SELENIUM PROGRAMS**

**21) Open Google in Chrome: Write a Selenium script to open Google in the**

**Chrome browser.**

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

public class OpenGoogle {

    public static void main(String[] args) throws InterruptedException {

        ChromeOptions options = new ChromeOptions();

        WebDriver driver = new ChromeDriver(options);

        driver.get("https://www.google.com");

        System.out.println("Page Title is: " + driver.getTitle());

        // Wait 10 seconds before closing

        Thread.sleep(10000);

        driver.quit();

    }

}

**22) Open Google in Mozilla Firefox: Write a Selenium script to open**

**Google in the Mozilla Firefox browser.**

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

public class Firefox {

    public static void main(String[] args) {

        // No need to set geckodriver path if it's already in PATH

        WebDriver driver = new FirefoxDriver();

        // Open Google

        driver.get("https://www.google.com");

        // Maximize window

        driver.manage().window().maximize();

    }

}

**23) Automate ARMS Portal Login: Write a Selenium script to automate**

**login to the ARMS Portal using the Chrome browser.**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

public class ARMSPortalLogin {

    public static void main(String[] args) {

        ChromeOptions options = new ChromeOptions();

        options.addArguments("--start-maximized");

        WebDriver driver = new ChromeDriver(options);

        // Open ARMS Portal login page

        driver.get("https://arms.sse.saveetha.com"); // 🔹 Replace with actual ARMS Portal URL

        // Enter username

        WebElement usernameField = driver.findElement(By.id("username")); // 🔹 Replace locator if different

        usernameField.sendKeys("admin");

        // Enter password

        WebElement passwordField = driver.findElement(By.id("password")); // 🔹 Replace locator if different

        passwordField.sendKeys("password123");

        // Click login button

        WebElement loginBtn = driver.findElement(By.id("loginButton")); // 🔹 Replace locator if different

        loginBtn.click();

        // Print confirmation

        System.out.println("Login attempted! Page Title: " + driver.getTitle());

    }

}

**24) Automate GitHub Login: Write a Selenium script to automate login to**

**the GitHub Portal using the Chrome browser.**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

public class GitHubLogin {

    public static void main(String[] args) {

        ChromeOptions options = new ChromeOptions();

        options.addArguments("--start-maximized");

        WebDriver driver = new ChromeDriver(options);

        // Open GitHub login page

        driver.get("https://github.com/kaseeswarreddykolagatla/Software-Testing.git");

        // Enter username or email

        WebElement usernameField = driver.findElement(By.id("login\_field"));

        usernameField.sendKeys("your\_username");  // 🔹 Replace with your GitHub username/email

        // Enter password

        WebElement passwordField = driver.findElement(By.id("password"));

        passwordField.sendKeys("your\_password");  // 🔹 Replace with your GitHub password

        // Click login button

        WebElement loginBtn = driver.findElement(By.name("commit"));

        loginBtn.click();

        // Print confirmation

        System.out.println("Login attempted! Page Title: " + driver.getTitle());

    }

}

**25) Automate Swiggy Login: Write a Selenium script to automate login to**

**the Swiggy Portal using the Chrome browser.**

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

public class Swiggy {

    public static void main(String[] args) {

        ChromeOptions options = new ChromeOptions();

        options.addArguments("--start-maximized");

        WebDriver driver = new ChromeDriver(options);

        driver.get("https://www.swiggy.com");

        System.out.println("Opened Swiggy! Title: " + driver.getTitle());

    }

}