**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();**

**}**

**}**

**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();**

**}**

**}**

**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) throws InterruptedException {**

**// Setup Chrome options**

**ChromeOptions options = new ChromeOptions();**

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

**// Selenium Manager will auto-download chromedriver if needed**

**WebDriver driver = new ChromeDriver(options);**

**try {**

**// Open ARMS Portal (replace with your actual portal URL)**

**driver.get("https://github.com/NAGURVALI42");**

**// Locate username and password fields (adjust IDs/names as per portal HTML)**

**WebElement usernameField = driver.findElement(By.id("username"));**

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

**// Enter login credentials**

**usernameField.sendKeys("admin");**

**passwordField.sendKeys("password123");**

**// Locate and click the login button**

**WebElement loginBtn = driver.findElement(By.id("loginButton"));**

**loginBtn.click();**

**// Print logged-in page title**

**Thread.sleep(5000);**

**System.out.println("Logged in! Page Title: " + driver.getTitle());**

**// === Keep browser open until user closes manually ===**

**System.out.println("Browser will stay open until you close it manually...");**

**Thread.sleep(Long.MAX\_VALUE); // waits indefinitely**

**} catch (Exception e) {**

**System.out.println("Error during login: " + e.getMessage());**

**}**

**// ❌ Removed driver.quit() so browser stays open**

**}**

**}**

**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 ARMSPortalLogin {**

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

**// Setup Chrome options**

**ChromeOptions options = new ChromeOptions();**

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

**// Selenium Manager will auto-download chromedriver if needed**

**WebDriver driver = new ChromeDriver(options);**

**try {**

**// Open ARMS Portal (replace with your actual portal URL)**

**driver.get("https://github.com/NAGURVALI42");**

**// Locate username and password fields (adjust IDs/names as per portal HTML)**

**WebElement usernameField = driver.findElement(By.id("username"));**

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

**// Enter login credentials**

**usernameField.sendKeys("admin");**

**passwordField.sendKeys("password123");**

**// Locate and click the login button**

**WebElement loginBtn = driver.findElement(By.id("loginButton"));**

**loginBtn.click();**

**// Print logged-in page title**

**Thread.sleep(5000);**

**System.out.println("Logged in! Page Title: " + driver.getTitle());**

**// === Keep browser open until user closes manually ===**

**System.out.println("Browser will stay open until you close it manually...");**

**Thread.sleep(Long.MAX\_VALUE); // waits indefinitely**

**} catch (Exception e) {**

**System.out.println("Error during login: " + e.getMessage());**

**}**

**// ❌ Removed driver.quit() so browser stays open**

**}**

**}**