SELENIUM BASIC HOMEWORK

For this homework we will need to create new project and import dependencies for TestNg and Selenium.

The following website should be used https://www.saucedemo.com/

We need to create 2 tests as follows:

    1.Log in to the page(standard\_user, secret\_sauce) and print the header of the page Swag Labs.

    2.Log in to the page, add one product to cart, go to the cart and click checkout button, enter First Name, Last Name and Zip

postal code fields and click continue button.

**Note:** Upload the homework as a zip file  (Exported Intellij project: File -> Export -> Project to zip file)

1. **Log in to the page**:
   * Use the credentials standard\_user and secret\_sauce.
   * Print the header of the page, which should display “Swag Labs.”
2. **Add a product to cart and proceed to checkout**:
   * Log in with the same credentials.
   * Add any product to the cart.
   * Go to the cart.
   * Click the checkout button.
   * Enter First Name, Last Name, and Zip postal code fields.
   * Click the continue button.

Below is a Java code snippet to get you started. Make sure you have set up a new Java project with Maven and added the necessary dependencies for TestNG and Selenium WebDriver. Replace "path/to/chromedriver" with the actual path to your Chrome WebDriver executable:

**Java**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.Test;

public class SwagLabsTests {

private WebDriver driver;

@BeforeClass

public void setUp() {

// Set up Chrome WebDriver

System.setProperty("webdriver.chrome.driver", "path/to/chromedriver");

driver = new ChromeDriver();

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

}

@Test(priority = 1)

public void testLoginAndPrintHeader() {

// Navigate to the website

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

// Log in with standard\_user credentials

driver.findElement(By.id("user-name")).sendKeys("standard\_user");

driver.findElement(By.id("password")).sendKeys("secret\_sauce");

driver.findElement(By.id("login-button")).click();

// Print the header of the page Swag Labs

WebElement header = driver.findElement(By.className("app\_logo"));

System.out.println("Header of the page Swag Labs: " + header.getText());

}

@Test(priority = 2)

public void testAddToCartAndCheckout() {

// Navigate to the website (already logged in)

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

// Add a product to cart

driver.findElement(By.id("add-to-cart-sauce-labs-backpack")).click();

// Go to the cart

driver.findElement(By.id("shopping\_cart\_container")).click();

// Click checkout button

driver.findElement(By.id("checkout")).click();

// Enter First Name, Last Name, and Zip postal code

driver.findElement(By.id("first-name")).sendKeys("John");

driver.findElement(By.id("last-name")).sendKeys("Doe");

driver.findElement(By.id("postal-code")).sendKeys("12345");

driver.findElement(By.id("continue")).click();

}

@AfterClass

public void tearDown() {

// Close the browser

driver.quit();

}

}