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.

package com.edu.sedc;  
  
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.Test;  
  
public class SeleniumBasicHomework {  
  
 String url = "https://www.saucedemo.com/";  
  
 @Test  
 public void SeleniumSetUp() {  
  
 WebDriver driver = new ChromeDriver();  
 driver.get(url);  
 driver.manage().window().maximize();  
  
 }  
  
 @Test(priority = 1)  
 public void testLoginAndPrintHeader() {  
 // Navigate to the website  
 WebDriver driver = new ChromeDriver();  
 driver.get(url);  
 driver.manage().window().maximize();  
  
 // 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() throws InterruptedException {  
 // Navigate to the website (already logged in)  
 WebDriver driver = new ChromeDriver();  
 driver.get(url);  
 driver.manage().window().maximize();  
  
  
 // 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();  
  
 Thread.*sleep*(3000);  
   
 // 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("standard\_user");  
 driver.findElement(By.*id*("last-name")).sendKeys("secret\_sauce");  
 driver.findElement(By.*id*("postal-code")).sendKeys("12345");  
 driver.findElement(By.*id*("continue")).click();  
  
  
 }  
  
  
 @Test  
 public void tearDown() throws InterruptedException {  
  
 WebDriver driver = new ChromeDriver();  
 driver.get("https://www.saucedemo.com/inventory.html");  
 driver.manage().window().maximize();  
  
  
 // Close the browser  
 driver.findElement(By.*id*("logout\_sidebar\_link")).click();  
 Thread.*sleep*(3000);  
 driver.quit();  
 }  
}

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