**SOFTWARE TESTING CC1**

**QUESTION 1**

**CODE:**

package cc1;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Qn1 {

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

// **TODO** Auto-generated method stub

ChromeOptions co=new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

WebDriverManager.*chromedriver*().setup();

WebDriver driver=new ChromeDriver(co);

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

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

Thread.*sleep*(10000);

driver.findElement(By.*xpath*("//\*[@id=\"user-name\"]")).sendKeys("standard\_user");

driver.findElement(By.*xpath*("//\*[@id=\"password\"]")).sendKeys("secret\_sauce");

driver.findElement(By.*xpath*("//\*[@id=\"login-button\"]")).click();

driver.findElement(By.*xpath*("//\*[@id=\"add-to-cart-sauce-labs-backpack\"]")).click();

String initial = driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();

driver.findElement(By.*xpath*("//\*[@id=\"shopping\_cart\_container\"]/a")).click();

String cart = driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();

if(cart.equals(initial)) {

System.***out***.println("product added to the cart successfully");

}

else {

System.***out***.println("Error");

}

String check\_cart = driver.findElement(By.*xpath*("//\*[@id=\"continue-shopping\"]")).getText();

System.***out***.println(check\_cart);

if(check\_cart.equals("Continue Shopping")) {

System.***out***.println("cart is opened");

}

else {

System.***out***.println("Error");

}

driver.findElement(By.*xpath*("//\*[@id=\"checkout\"]")).click();

String checkout = driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/span")).getText();

if(checkout.equals("Checkout: Your Information")) {

System.***out***.println("Information displayed");

}

else {

System.***out***.println("Error");

}

driver.findElement(By.*xpath*("//\*[@id=\"first-name\"]")).sendKeys("Uthi");

driver.findElement(By.*xpath*("//\*[@id=\"last-name\"]")).sendKeys("C");

driver.findElement(By.*xpath*("//\*[@id=\"postal-code\"]")).sendKeys("607308");

driver.findElement(By.*xpath*("//\*[@id=\"continue\"]")).click();

String product\_name = driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();

String product\_price = driver.findElement(By.*xpath*("//\*[@id=\"checkout\_summary\_container\"]/div/div[2]/div[8]

")).getText();

if(product\_name.equals(cart)) {

System.***out***.println("entire product overview is displayed");

System.***out***.println("product Name: "+product\_name);

System.***out***.println("product price: "+product\_price);

}

else {

System.***out***.println(cart);

System.***out***.println(product\_name);

}

String title = driver.getTitle();

if(title.equals("Swag Labs")) {

System.***out***.println("Title matched");

}

else {

System.***out***.println("Title mismatched");

}

if(driver.getCurrentUrl().equals("https://www.saucedemo.com/checkout-step-two.html")) {

System.***out***.println("URL Matched");

}

else {

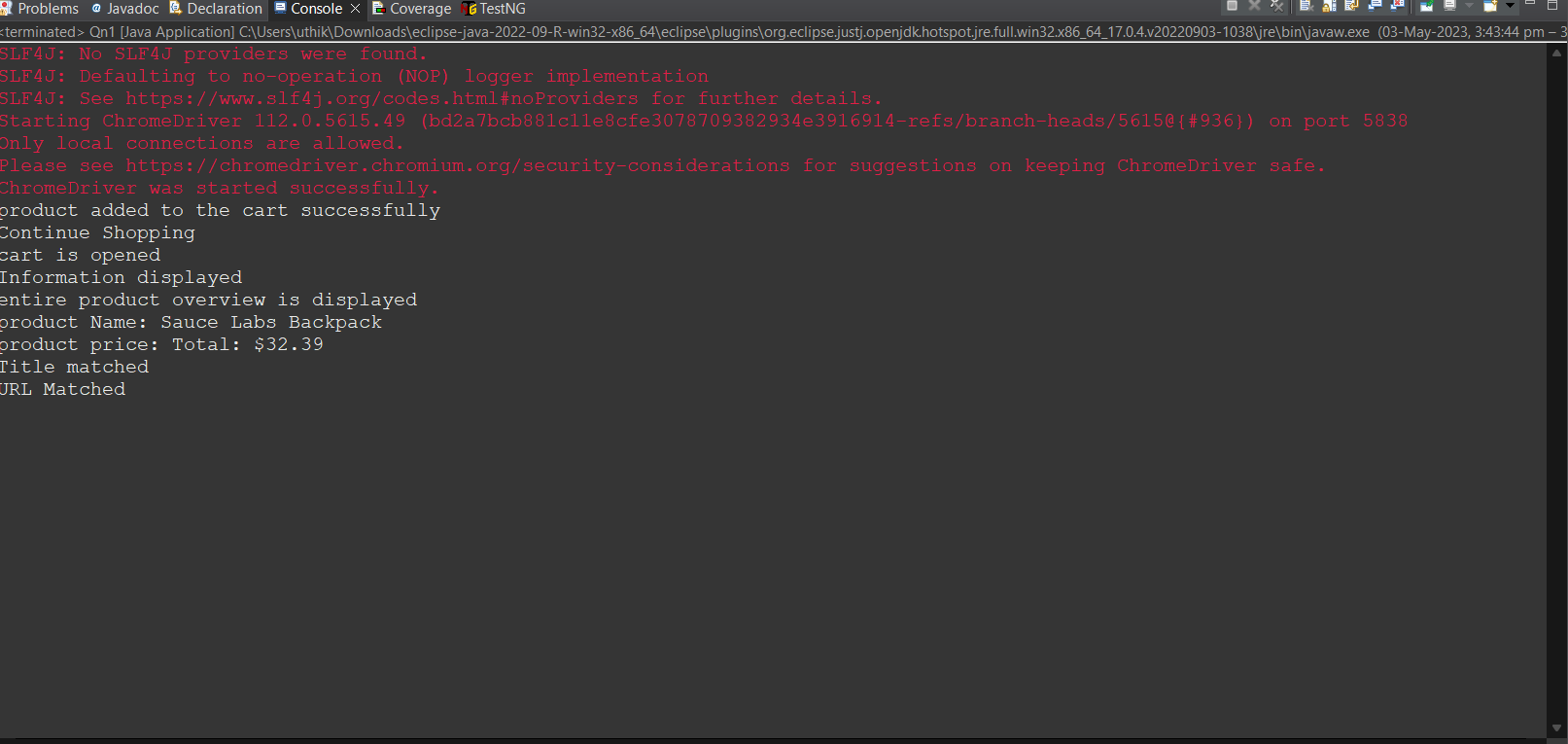
System.***out***.println("URL Mismatched");

}

}

}

**OUTPUT:**

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**QUESTION 2**

**CODE:**

package cc1;

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;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Qn2 {

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

// **TODO** Auto-generated method stub

ChromeOptions co=new ChromeOptions();

co.addArguments ("--remote-allow-origins=\*");

WebDriverManager.*chromedriver*().setup ();

WebDriver driver=new ChromeDriver(co);

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

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

WebElement txtBoxl=driver.findElement(By.*xpath*("//\*[@id=\"user-name\"]"));

txtBoxl.sendKeys("standard\_user");

WebElement txtBox2=driver.findElement(By.*xpath*("//\*[@id=\"password\"]"));

txtBox2.sendKeys("secret\_sauce");

driver.findElement(By.*xpath*("//\*[@id=\"login-button\"]")).click();

String txt1=driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();

System.***out***.println("Product Name A-Z: "+txt1);

driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select")).click();

driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[2]")).click();

String txt2=driver.findElement(By.*xpath*("//\*[@id=\"item\_3\_title\_link\"]/div")).getText();

System.***out***.println("Product Name Z-A: "+txt2);

System.***out***.println("Filter (A-Z and Z-A) Finished");

driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select")).click();

driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[3]")).click();

String txt3=driver.findElement(By.*xpath*("//\*[@id=\"inventory\_container\"]/div/div[1]/div[2]/div[2]/div")).getText();

System.***out***.println("Product Price low-high: "+txt3);

driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select")).click();

driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[4]")).click();

String txt4=driver.findElement(By.*xpath*("//\*[@id=\"inventory\_container\"]/div/div[1]/div[2]/div[2]/div")).getText();

System.***out***.println("Product Price high-low: "+txt4);

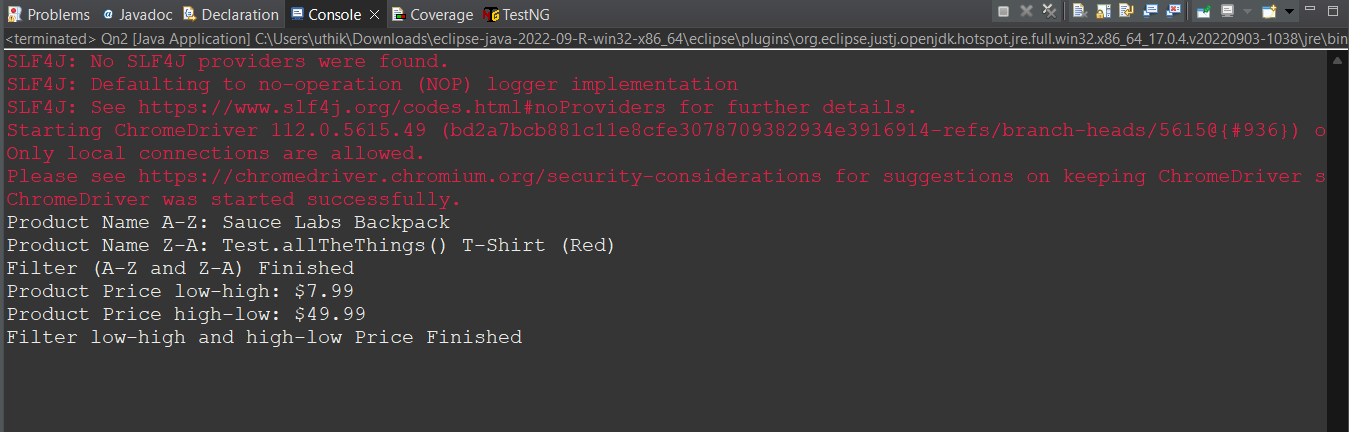
System.***out***.println("Filter low-high and high-low Price Finished");

Thread.*sleep*(5000);

}

}

**OUTPUT:**

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