**NAME :** GIDIYON S

**ROLL NO** : 727721EUIT039 **CONDING CONTEST**

**Question 1 :**

**Adding a product to cart and checkout :**

package com.selenium.test1.selenium1;

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 CC1\_1{

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

// Set up the Chrome driver

WebDriverManager.chromedriver().setup();

ChromeOptions co=new ChromeOptions();

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

WebDriver driver=new ChromeDriver(co);

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

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

// Log in with a valid username and password

WebElement usernameField = driver.findElement(By.id("user-name"));

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

WebElement loginButton = driver.findElement(By.id("login-button"));

usernameField.sendKeys("standard\_user");

passwordField.sendKeys("secret\_sauce");

Thread.sleep(3000);

loginButton.click();

// Add a product to the cart

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

addToCartButton.click();

Thread.sleep(3000);

// Verify that the product was added to the cart

WebElement cartBadge = driver.findElement(By.id("remove-sauce-labs-backpack"));

String t=cartBadge.getText();

if(t.equals("Remove")) {

System.out.println("1. Item is Added to Cart");

}

// View the contents of the cart

WebElement cartLink = driver.findElement(By.className("shopping\_cart\_badge"));

cartLink.click();

WebElement cart = driver.findElement(By.className("title"));

String a=cart.getText();

if(a.equals("Your Cart")) {

System.out.println("2. Your Cart is Viewed");

}

Thread.sleep(3000);

// Verify that the checkout form is displayed

WebElement checkoutButton = driver.findElement(By.id("checkout"));

checkoutButton.click();

WebElement check= driver.findElement(By.className("title"));

String b=check.getText();

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

System.out.println("3. Your Information Form is Displayed");

}

Thread.sleep(3000);

// Fill out the checkout form and product overview should be displayed

WebElement firstNameField = driver.findElement(By.id("first-name"));

WebElement lastNameField = driver.findElement(By.id("last-name"));

WebElement postalCodeField = driver.findElement(By.id("postal-code"));

WebElement continueButton = driver.findElement(By.cssSelector(".btn\_primary.cart\_button"));

firstNameField.sendKeys("John");

lastNameField.sendKeys("Doe");

postalCodeField.sendKeys("12345");

Thread.sleep(3000);

continueButton.click();

WebElement over= driver.findElement(By.className("title"));

String c=over.getText();

if(c.equals("Checkout: Overview")) {

System.out.println("4. Product Overview is Displayed");

}

Thread.sleep(3000);

//Name and price of the product should be displayed

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

WebElement productPrice = driver.findElement(By.xpath("//\*[@id=\"checkout\_summary\_container\"]/div/div[2]/div[8]"));

String name=productName.getText();

String price=productPrice.getText();

System.out.println("5. Product Name: "+name);

System.out.println(" "+price);

//Title and URL of the page

String tit=driver.getTitle();

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

System.out.println("6. Title of the page is Correct");

}

String u=driver.getCurrentUrl();

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

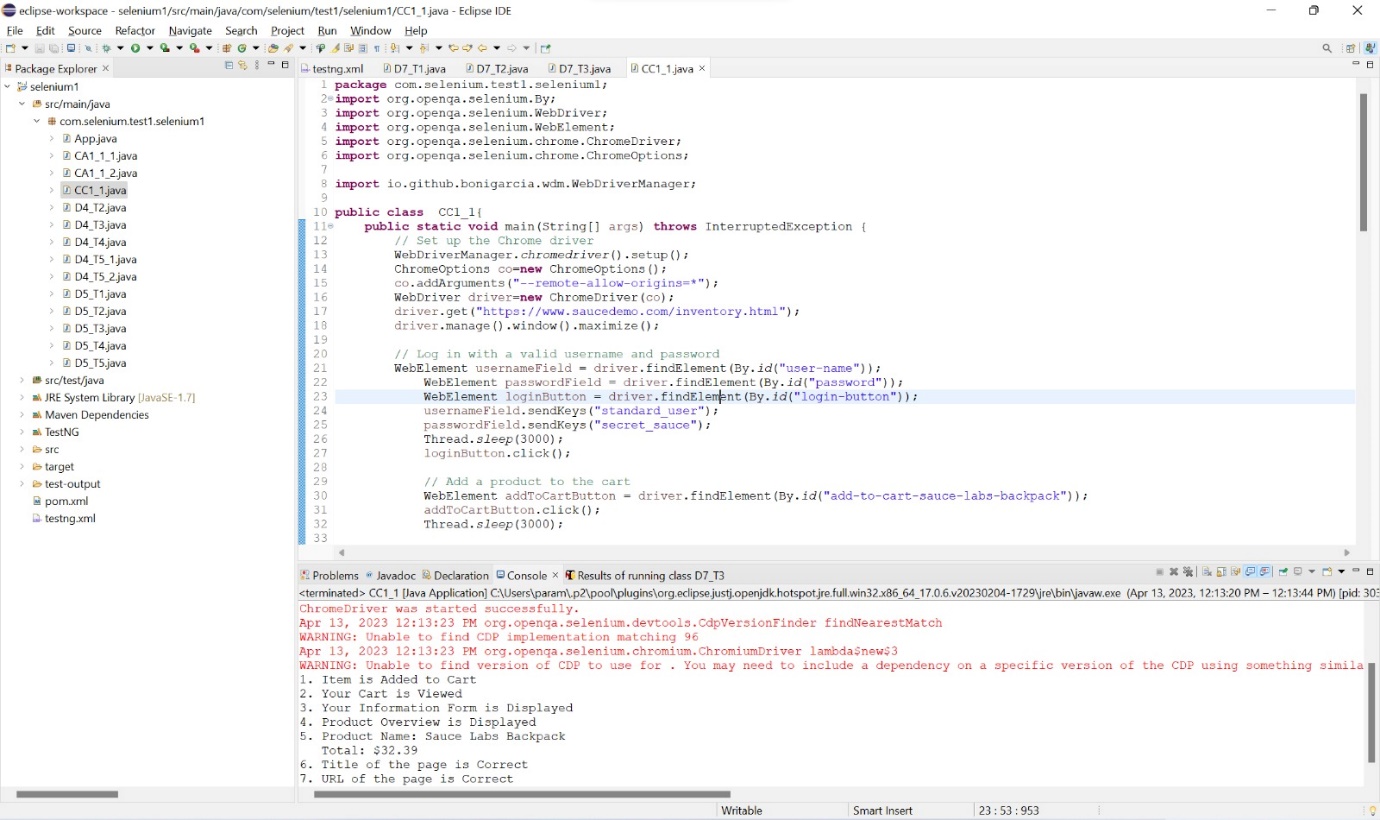
System.out.println("7. URL of the page is Correct");

}

}

}

OUTPUT:



**QUESTION 2:**

package com.Help.Sample;

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 CC\_Ques2 {

public static void main(String[] args) {

ChromeOptions co=new ChromeOptions();

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

WebDriverManager.chromedriver().setup();

WebDriver driver=new ChromeDriver();

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

//user login

driver.findElement(By.xpath(&quot;//\*[@id=\&quot;user-name\&quot;]&quot;)).click();

driver.findElement(By.xpath(&quot;//\*[@id=\&quot;user-

name\&quot;]&quot;)).sendKeys(&quot;standard\_user&quot;);

driver.findElement(By.xpath(&quot;//\*[@id=\&quot;password\&quot;]&quot;)).click();

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

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

//Filtering A-Z

System.out.println(&quot;First product from A-Z:

&quot;+driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[2]/div/div/div/div[1]/div[2]/div[1]/

a/div&quot;)).getText());

//Filtering Z-A

driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[1]/div[2]/div/span/select&quot;)).click();

driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[1]/div[2]/div/span/select/option[2]&quot;

)).click();

System.out.println(&quot;First product from Z-A:

&quot;+driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[2]/div/div/div/div[1]/div[2]/div[1]/

a/div&quot;)).getText());

//Filtering low to high

driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[1]/div[2]/div/span/select&quot;)).click();

driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[1]/div[2]/div/span/select/option[3]&quot;

)).click();

System.out.println(&quot;First product from low to high:

&quot;+driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[2]/div/div/div/div[1]/div[2]/div[1]/

a/div&quot;)).getText());

//Filtering high to low

driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[1]/div[2]/div/span/select&quot;)).click();

driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[1]/div[2]/div/span/select/option[4]&quot;

)).click();

System.out.println(&quot;First product from Z-A:

&quot;+driver.findElement(By.xpath(&quot;/html/body/div/div/div/div[2]/div/div/div/div[1]/div[2]/div[1]/

a/div&quot;)).getText());

}

}

Output:

