1)

CC1.java:

package coc1;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class cc\_1 {

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

{

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

WebDriver driver = new ChromeDriver();

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

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

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

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-bolt-t-shirt\"]")).click();

String cartCount = driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[1]/div[3]/a/span")).getText();

if (cartCount.equals("1")) {

System.***out***.println("TESTCASE\_01 : ADDED TO CART SUCCESSFULLY");

}

driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[1]/div[3]/a")).click();

String product = "Sauce Labs Backpack";

if(driver.findElement(By.*xpath*("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/a/div")).getText().equals(product));

{

System.***out***.println("TESTCASE\_02 : USER CAN VIEW THE CART");

}

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

if(driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/span")).getText().equals("Checkout: Your Information")) {

System.***out***.println("TESTCASE\_03 : FORM IS DISPLAYED");

}

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

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

driver.findElement(By.*xpath*("//\*[@id=\"postal-code\"]")).sendKeys("638312");

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

if(driver.findElement(By.*xpath*("/html/body/div/div/div/div[1]/div[2]/span")).getText().equals("Checkout: Overview")) {

System.***out***.println("TESTCASE\_04 : PRODUCT OVERVIEW PAGE IS DISPLAYED");

}

System.***out***.println("TESTCASE\_05 : NAME OF THE PRODUCT : " + driver.findElement(By.*xpath*("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/a/div")).getText());

System.***out***.println("TESTCASE\_06 : PRICE OF THE PRODUCT : " + driver.findElement(By.*xpath*("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/div[2]/div")).getText());

if(driver.getTitle().equals("Swag Labs")) {

System.***out***.println("TESTCASE\_04 : TITLE OF THE GIVEN WEBSITE IS SWAG LABS ");

}

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

System.***out***.println("TESTCASE\_07 : URL IS MATCHED WITH THE GIVEN");

}

}

}

XML:

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>cc1</groupId>

<artifactId>codingcontest</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<!-- https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.9.0</version>

</dependency>

<!-- https://mvnrepository.com/artifact/io.github.bonigarcia/webdrivermanager -->

<dependency>

<groupId>io.github.bonigarcia</groupId>

<artifactId>webdrivermanager</artifactId>

<version>5.3.2</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.testng/testng -->

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.7.1</version>

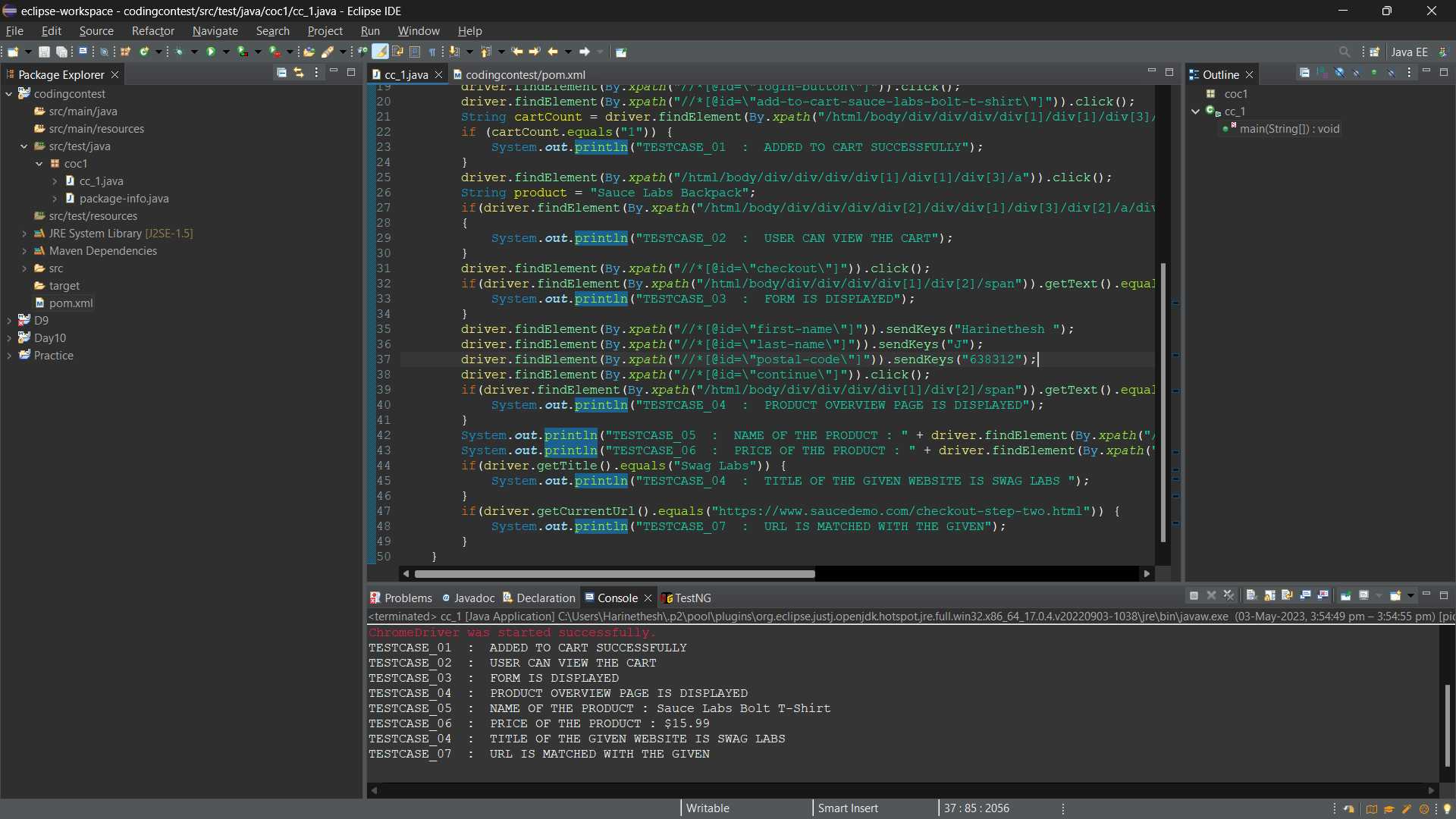
<scope>test</scope>

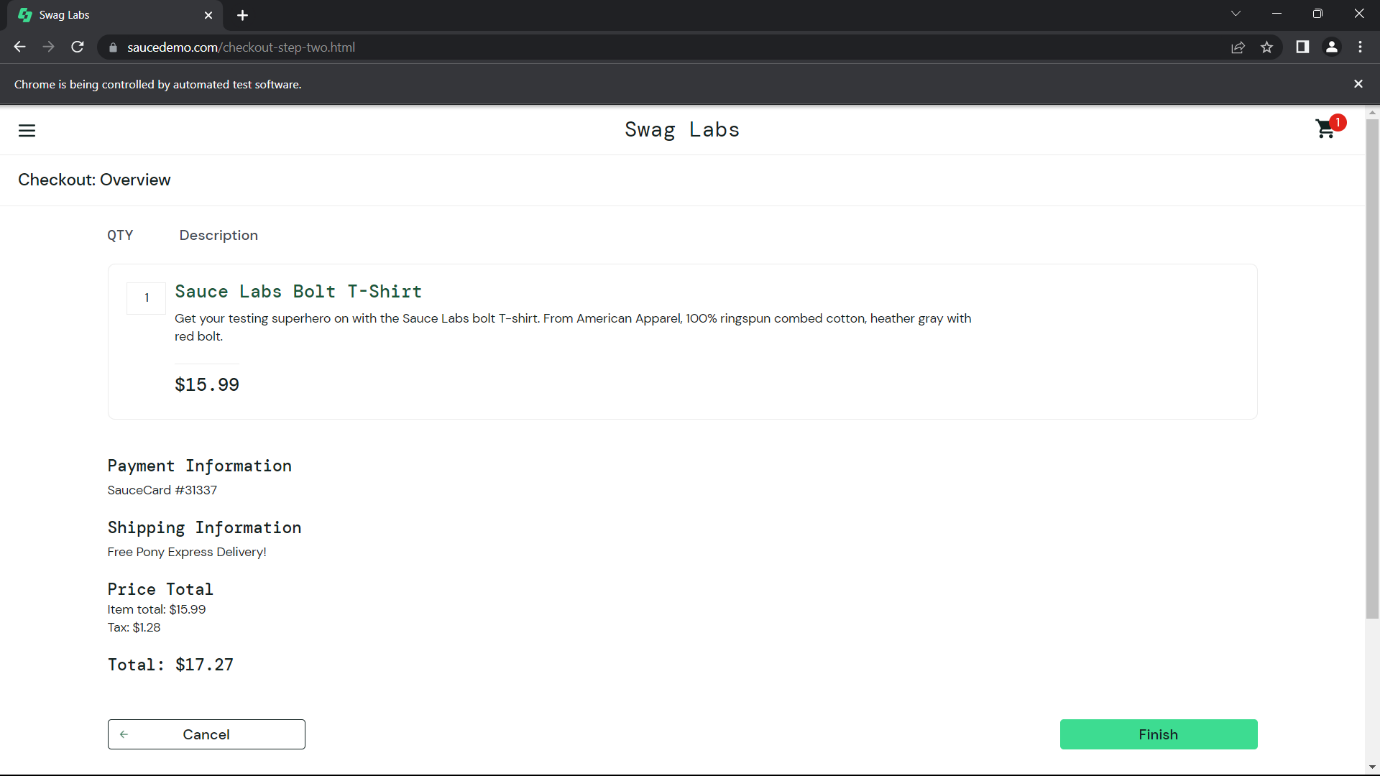
</dependency>

</dependencies>

</project>

OUTPUT:





2)

CC2.java:

package coc2;

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 cc\_2 {

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(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(txt2);

System.***out***.println("filter (A-Z and Z-A) used smoothly");

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=\"item\_2\_title\_link\"]/div")).getText();

System.***out***.println(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=\"item\_5\_title\_link\"]/div")).getText();

System.***out***.println(txt4);

System.***out***.println("filter (low price- high price and high price - low price )used smoothly");

Thread.*sleep*(5000);

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 matched");

}

}

}

Xml:

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>cc1</groupId>

<artifactId>codingcontest</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<!-- https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.9.0</version>

</dependency>

<!-- https://mvnrepository.com/artifact/io.github.bonigarcia/webdrivermanager -->

<dependency>

<groupId>io.github.bonigarcia</groupId>

<artifactId>webdrivermanager</artifactId>

<version>5.3.2</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.testng/testng -->

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.7.1</version>

<scope>test</scope>

</dependency>

</dependencies>

</project>

Output:

