**CODING CONTEST 1**

**Question 1:**

package Ques1;

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 Q1

{

public static void main(String[] args)

{

ChromeOptions co=new ChromeOptions();

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

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

WebDriver driver=new ChromeDriver();

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

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

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

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

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

if(openCart.equals(selectItem)) {

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

}

else {

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

}

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

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

if(checkCart.equals("Continue Shopping")) {

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

}

else {

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

}

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("The informations are displayed");

}

else {

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

}

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

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

driver.findElement(By.*xpath*("//\*[@id=\"postal-code\"]")).sendKeys("638008");

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

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

String prodPrice = driver.findElement(By.*xpath*("//\*[@id=\"checkout\_summary\_container\"]/div/div[1]/div[3]/div[2]/div[2]/div")).getText();

if(prodName.equals(openCart)) {

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

System.***out***.println("Product Name:"+prodName);

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

}

else {

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

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

}

String title = driver.getTitle();

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

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

}

else {

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

}

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

System.***out***.println("The URL is matched");

}

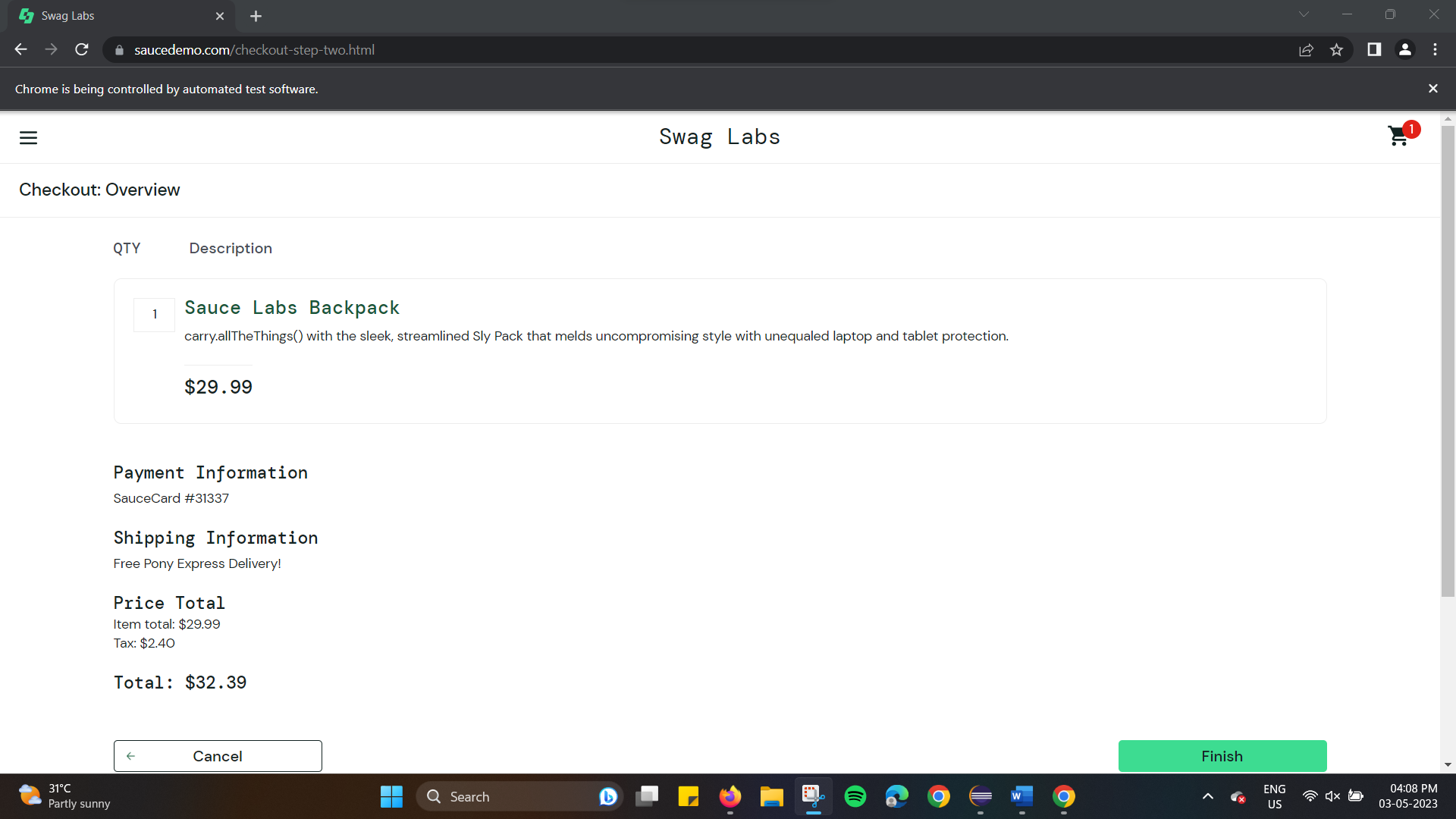
else {

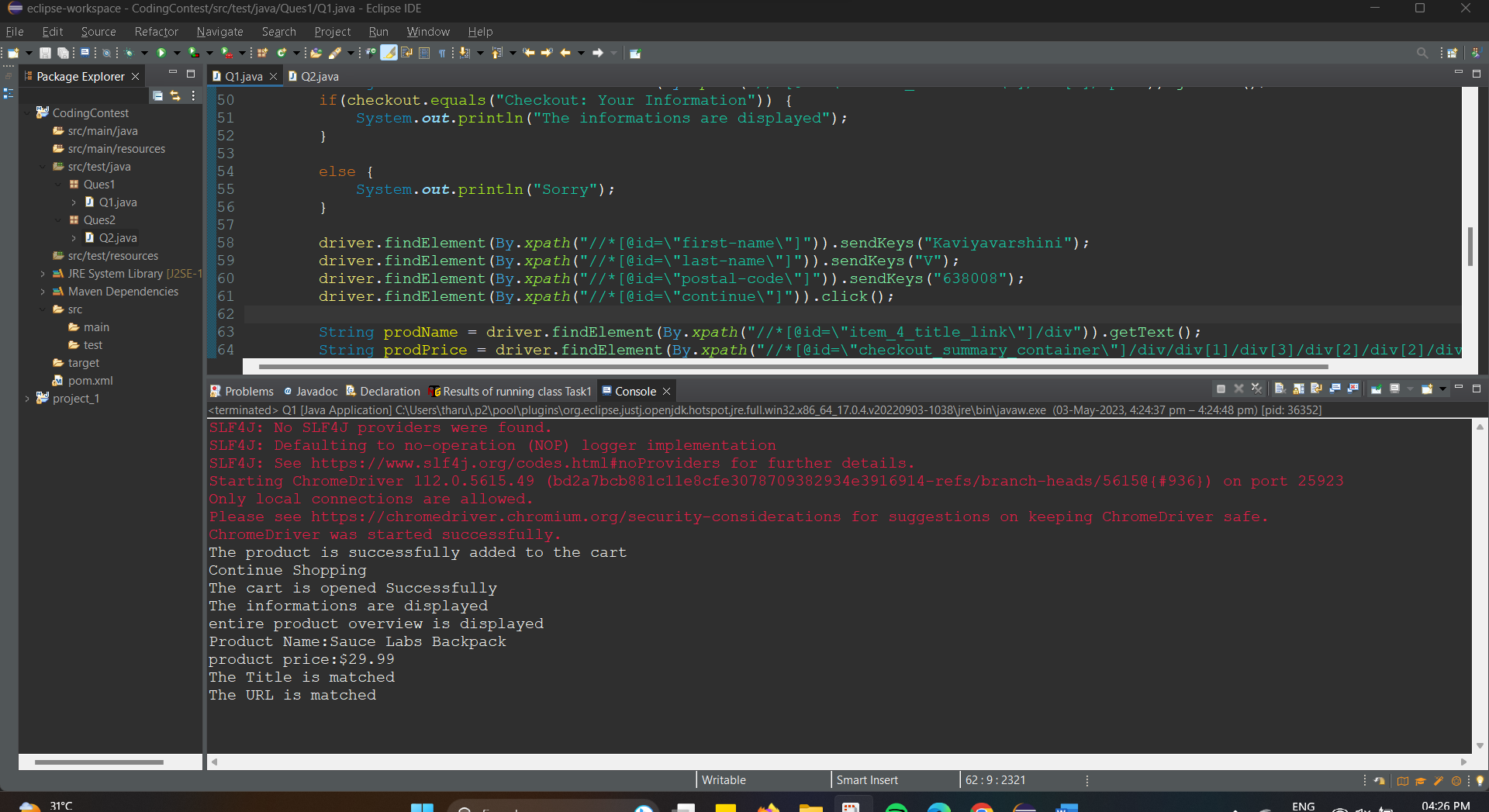
System.***out***.println("The URL is mismatched");

}

}

}

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**Question 2:**

package Ques2;

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 Q2 {

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

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

username.sendKeys("standard\_user");

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

pass.sendKeys("secret\_sauce");

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

System.***out***.println("String From A-Z:");

String t1=driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();

System.***out***.println("(1) : "+t1);

System.***out***.println("String From Z-A:");

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 t2=driver.findElement(By.*xpath*("//\*[@id=\"item\_3\_title\_link\"]/div")).getText();

System.***out***.println("(2) : "+t2);

System.***out***.println("Low To High:");

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 t3=driver.findElement(By.*xpath*("//\*[@id=\"item\_2\_title\_link\"]/div")).getText();

System.***out***.println("(3) : "+t3);

System.***out***.println("1st Product Price And Product :");

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 t4=driver.findElement(By.*xpath*("//\*[@id=\"item\_5\_title\_link\"]/div")).getText();

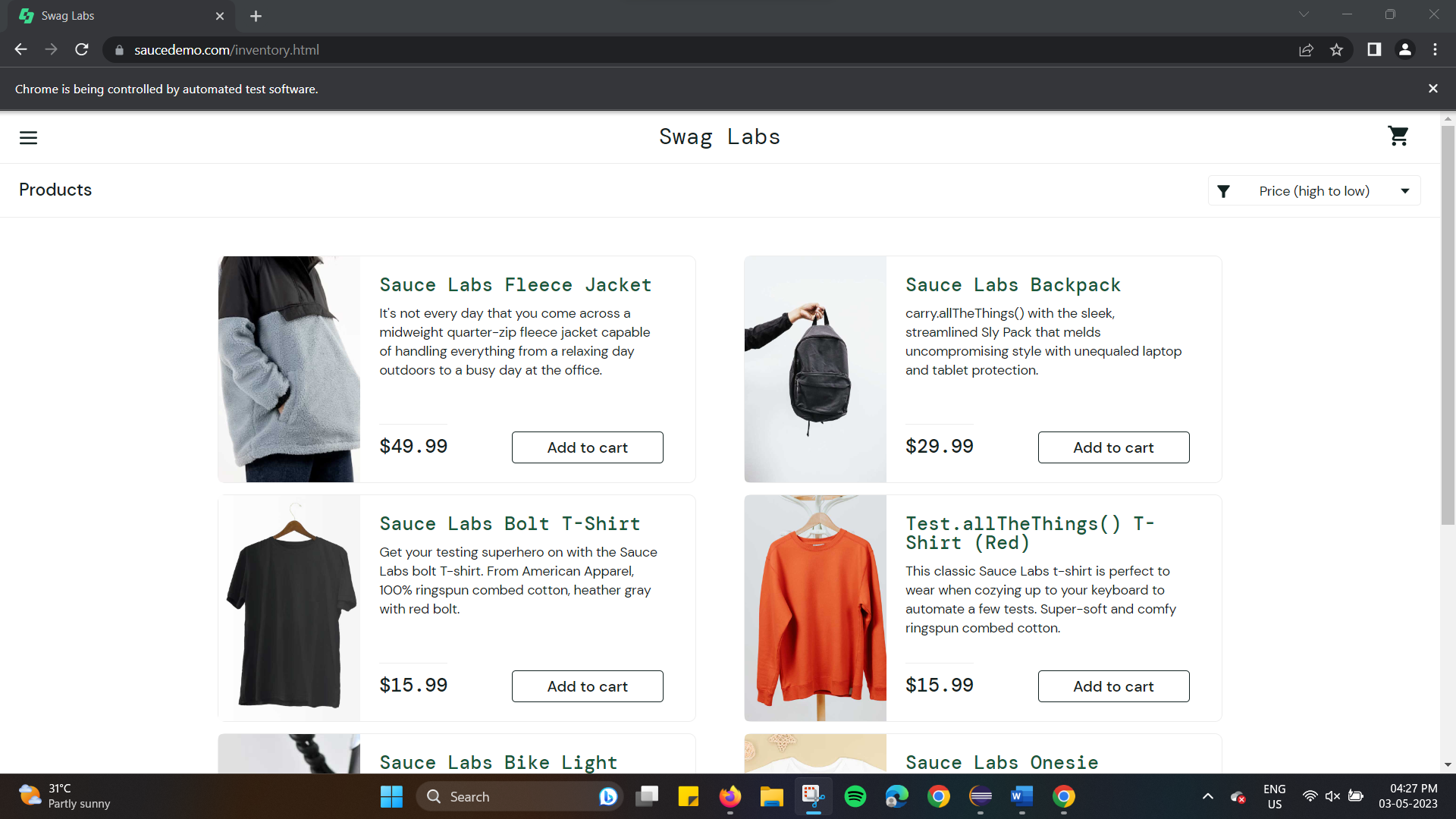
System.***out***.println("(4) : "+t4);

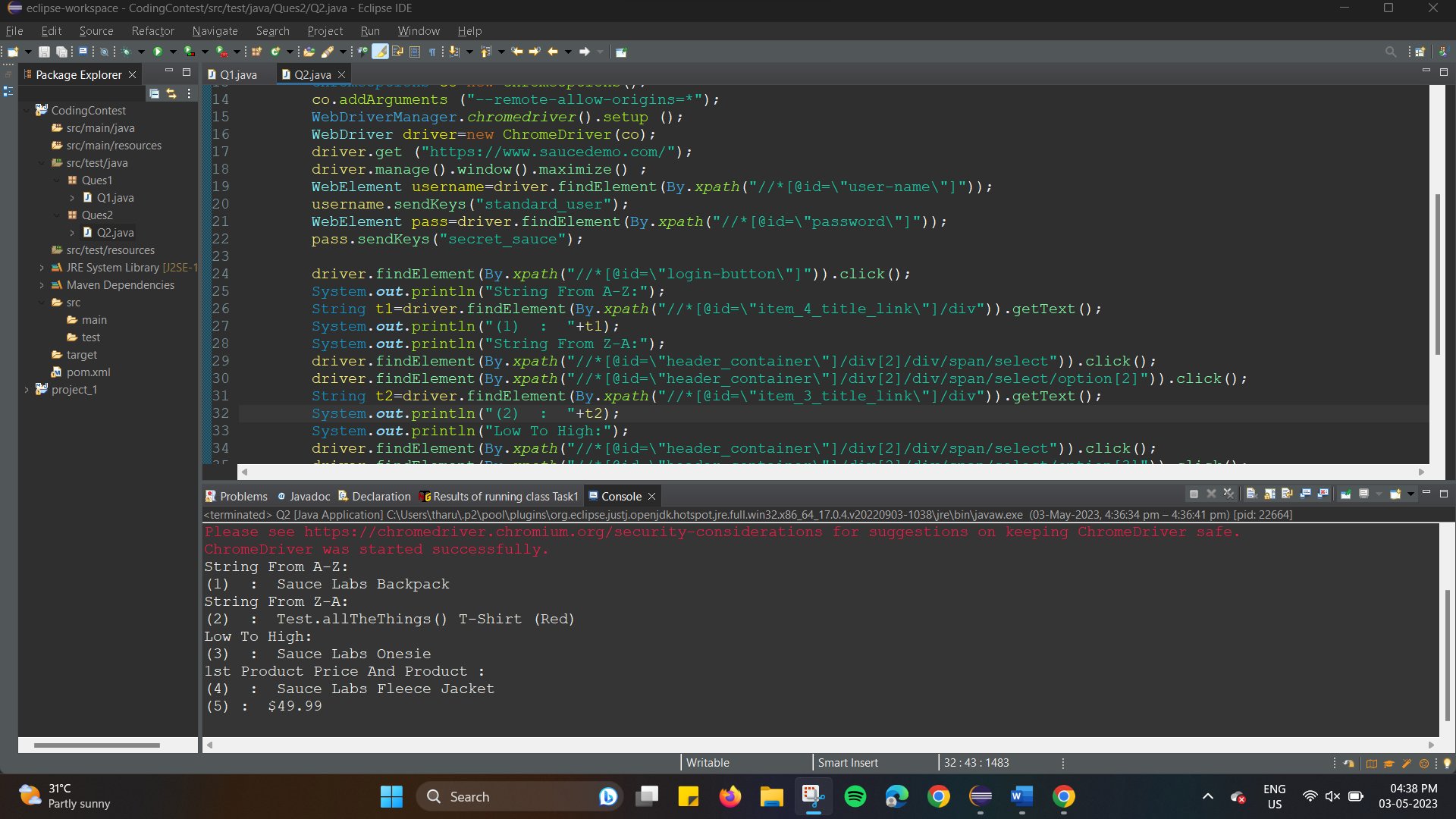
String t41=driver.findElement(By.*xpath*("//\*[@id=\"inventory\_container\"]/div/div[1]/div[2]/div[2]/div")).getText();

System.***out***.println("(5) : "+t41);

}

}

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