**Coding Contest 1**

**1)**

**package CC1;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.edge.EdgeDriver;**

**import org.openqa.selenium.edge.EdgeOptions;**

**import org.testng.Assert;**

**import org.testng.annotations.AfterSuite;**

**import org.testng.annotations.BeforeSuite;**

**import org.testng.annotations.Test;**

**import io.github.bonigarcia.wdm.WebDriverManager;**

**public class cc1 {**

**WebDriver driver;**

**@Test(priority = 1)**

**public void test1() {**

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

**WebElement password = driver.findElement(By.name("password"));**

**name.sendKeys("standard\_user");**

**password.sendKeys("secret\_sauce");**

**WebElement button\_1 = driver.findElement(By.id("login-button"));**

**button\_1.click();**

**}**

**@Test(priority = 2)**

**public void test2() {**

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

**cart.click();**

**}**

**@Test(priority = 3)**

**public void test3() {**

**WebElement cart = driver.findElement(By.className("shopping\_cart\_link"));**

**cart.click();**

**String a\_url = "https://www.saucedemo.com/cart.html";**

**String e\_url = driver.getCurrentUrl();**

**Assert.assertEquals(a\_url, e\_url);**

**}**

**@Test(priority = 4)**

**public void test4() {**

**WebElement checkout = driver.findElement(By.name("checkout"));**

**checkout.click();**

**String a\_url = driver.getCurrentUrl();**

**String e\_url = "https://www.saucedemo.com/checkout-step-one.html";**

**Assert.assertEquals(a\_url, e\_url);**

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

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

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

**WebElement button = driver.findElement(By.name("continue"));**

**// WebElement cont = driver.findElement(By.name("continue"));**

**fname.sendKeys("Vimal");**

**lname.sendKeys("Kamal");**

**postcode.sendKeys("789421");**

**button.click();**

**// String pName = driver.**

**// System.out.println("Sauce Labs Backpack");**

**// System.out.println("$ 29.99");**

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

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

**String t\_url = "https://www.saucedemo.com/checkout-step-two.html";**

**String t\_url\_a = driver.getCurrentUrl();**

**Assert.assertEquals(t\_url, t\_url\_a);**

**String title = "Swag Labs";**

**String titl = driver.getTitle();**

**Assert.assertEquals(title, titl);**

**System.out.println(t\_url);**

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

**}**

**@BeforeSuite**

**public void setup() {**

**WebDriverManager.edgedriver().setup();**

**EdgeOptions co = new EdgeOptions();**

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

**driver = new EdgeDriver(co);**

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

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

**}**

**@AfterSuite**

**public void teardown() {**

**try {**

**Thread.sleep(5000);**

**} catch (InterruptedException e) {**

**// TODO Auto-generated catch block**

**e.printStackTrace();**

**}**

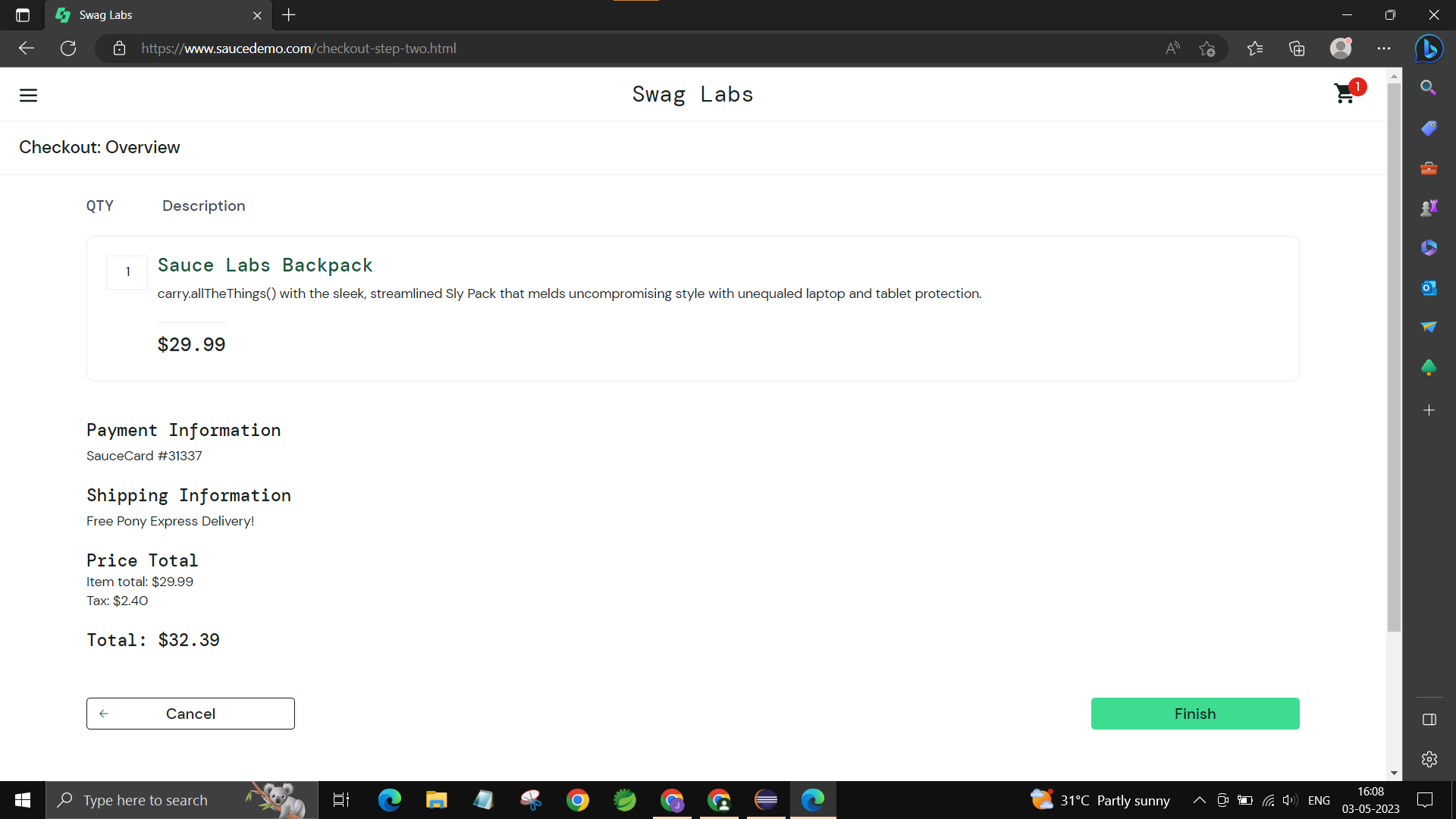
**// driver.close();**

**// driver.close();**

**}**

**}**

**Output:**

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**2)**

**package CC1;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.edge.EdgeDriver;**

**import org.openqa.selenium.edge.EdgeOptions;**

**import io.github.bonigarcia.wdm.WebDriverManager;**

**public class cc1\_2 {**

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

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

**WebDriverManager.edgedriver().setup();**

**EdgeOptions co=new EdgeOptions();**

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

**WebDriver driver=new EdgeDriver(co);**

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

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

**Thread.sleep(2000);**

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

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

**name.sendKeys("standard\_user");**

**Thread.sleep(2000);**

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

**pwd.sendKeys("secret\_sauce");**

**Thread.sleep(2000);**

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

**btn.click();**

**Thread.sleep(2000);**

**WebElement c1=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select"));**

**c1.click();**

**Thread.sleep(2000);**

**WebElement c2=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[1]"));**

**c2.click();**

**Thread.sleep(2000);**

**String e1=driver.findElement(By.xpath("//\*[@id=\"item\_4\_title\_link\"]/div")).getText();**

**System.out.println("A to Z Order's 1st Product Title: "+e1);**

**WebElement c3=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[2]"));**

**c3.click();**

**Thread.sleep(2000);**

**String e2=driver.findElement(By.xpath("//\*[@id=\"item\_3\_title\_link\"]/div")).getText();**

**System.out.println("Z to A Order's 1st Product Title: "+e2);**

**Thread.sleep(1000);**

**WebElement c4=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[3]"));**

**c4.click();**

**Thread.sleep(2000);**

**String e3=driver.findElement(By.xpath("//\*[@id=\"item\_2\_title\_link\"]/div")).getText();**

**System.out.println("Low to High Order's 1st Product Title: "+e3);**

**WebElement c5=driver.findElement(By.xpath("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[4]"));**

**c5.click();**

**Thread.sleep(2000);**

**String e4=driver.findElement(By.xpath("//\*[@id=\"item\_5\_title\_link\"]/div")).getText();**

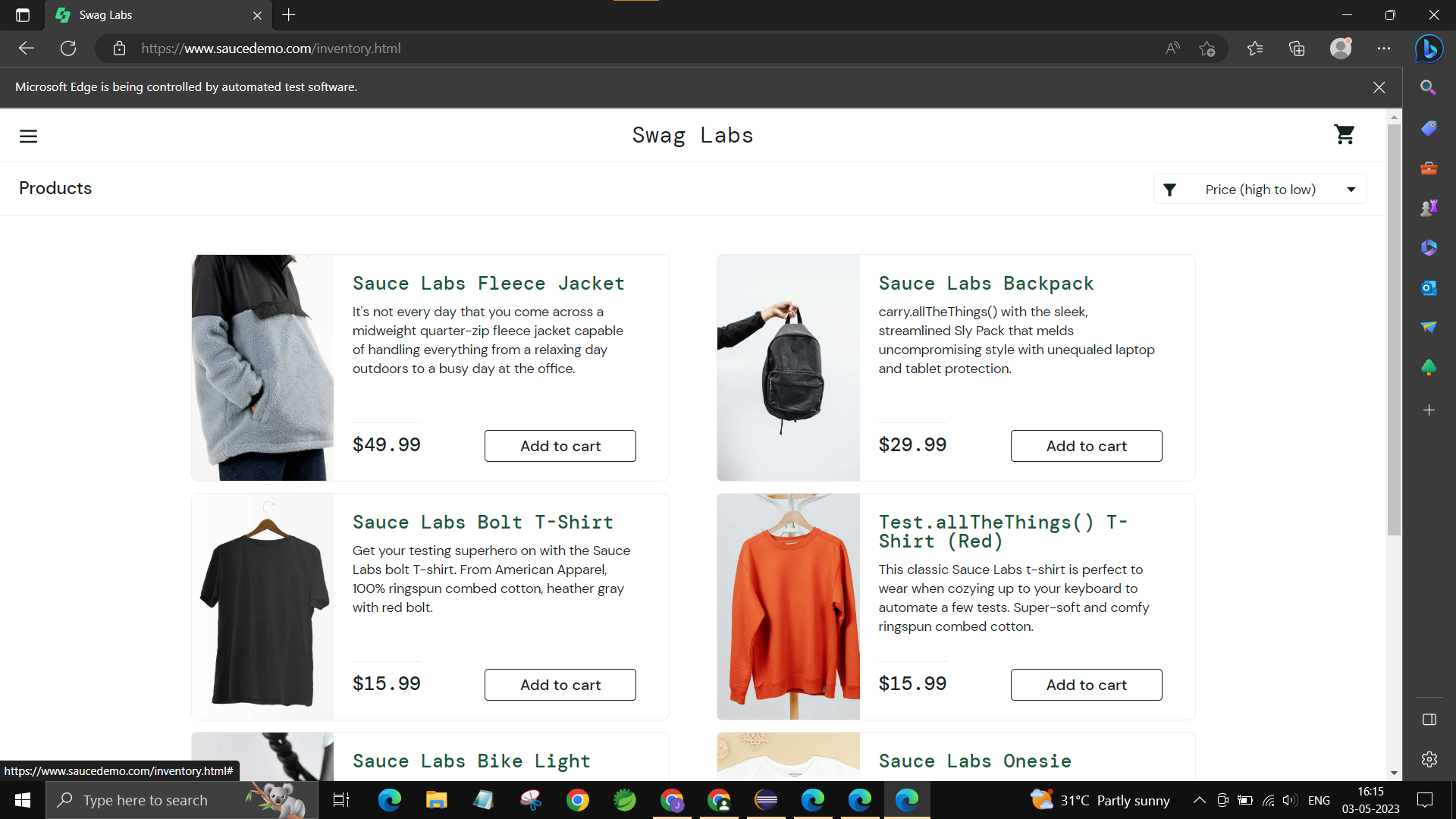
**System.out.println("High to Low Order's 1st Product Title: "+e4);**

**Thread.sleep(1000);**

**}**

**}**

**Output:**

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