**727721EUCS058**

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**CC1:**

**QUESTION 1:**

**package** ccq1;

**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) {

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

ChromeOptions co=**new** ChromeOptions();

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

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

WebDriver driver=**new** ChromeDriver();

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 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("Successfully product added to the cart");

}

**else** {

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

}

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("HEY ! Cart is Open Smoothly ");

}

**else** {

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

}

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("My information displayed");

}

**else** {

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

}

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

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

driver.findElement(By.*xpath*("//\*[@id=\"postal-code\"]")).sendKeys("665280");

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=\"item\_4\_title\_link\"]/div")).getText();

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

// System.out.println("Entire pdt Overview is Displayed");

System.***out***.println("NAME of the pdt: " + driver.findElement(By.*xpath*("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/a/div")).getText());

System.***out***.println("PRICE of the pdt: " + driver.findElement(By.*xpath*("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/div[2]/div")).getText());

}

**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");

}

}

}

Pom.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>SKCET</groupId>

<artifactId>yourchoice</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/com.aventstack/extentreports -->

<dependency>

<groupId>com.aventstack</groupId>

<artifactId>extentreports</artifactId>

<version>3.1.3</version>

</dependency>

<!-- https://mvnrepository.com/artifact/net.sourceforge.jexcelapi/jxl -->

<dependency>

<groupId>net.sourceforge.jexcelapi</groupId>

<artifactId>jxl</artifactId>

<version>2.6.12</version>

</dependency>

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

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.7.1</version>

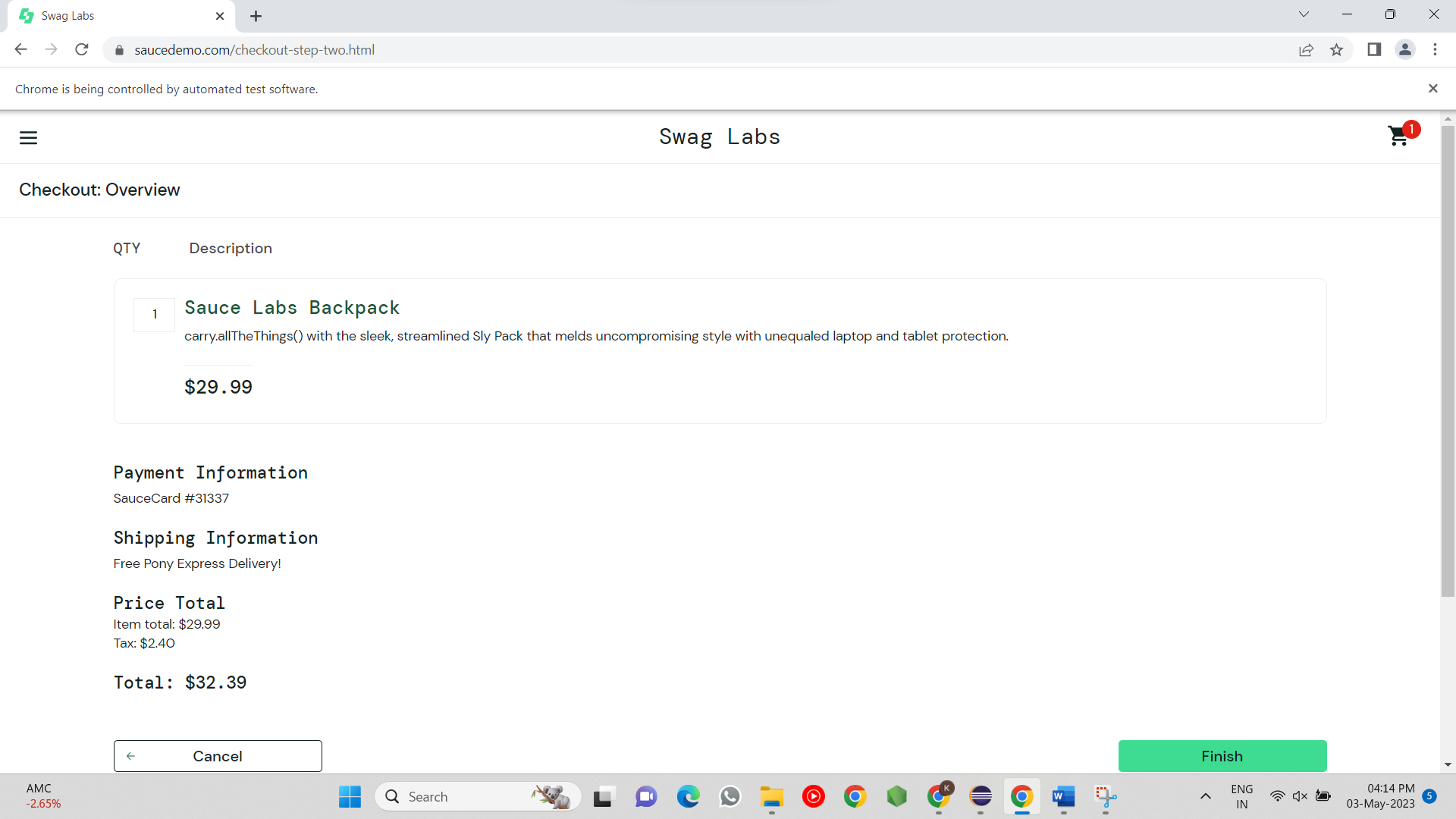
<scope>test</scope>

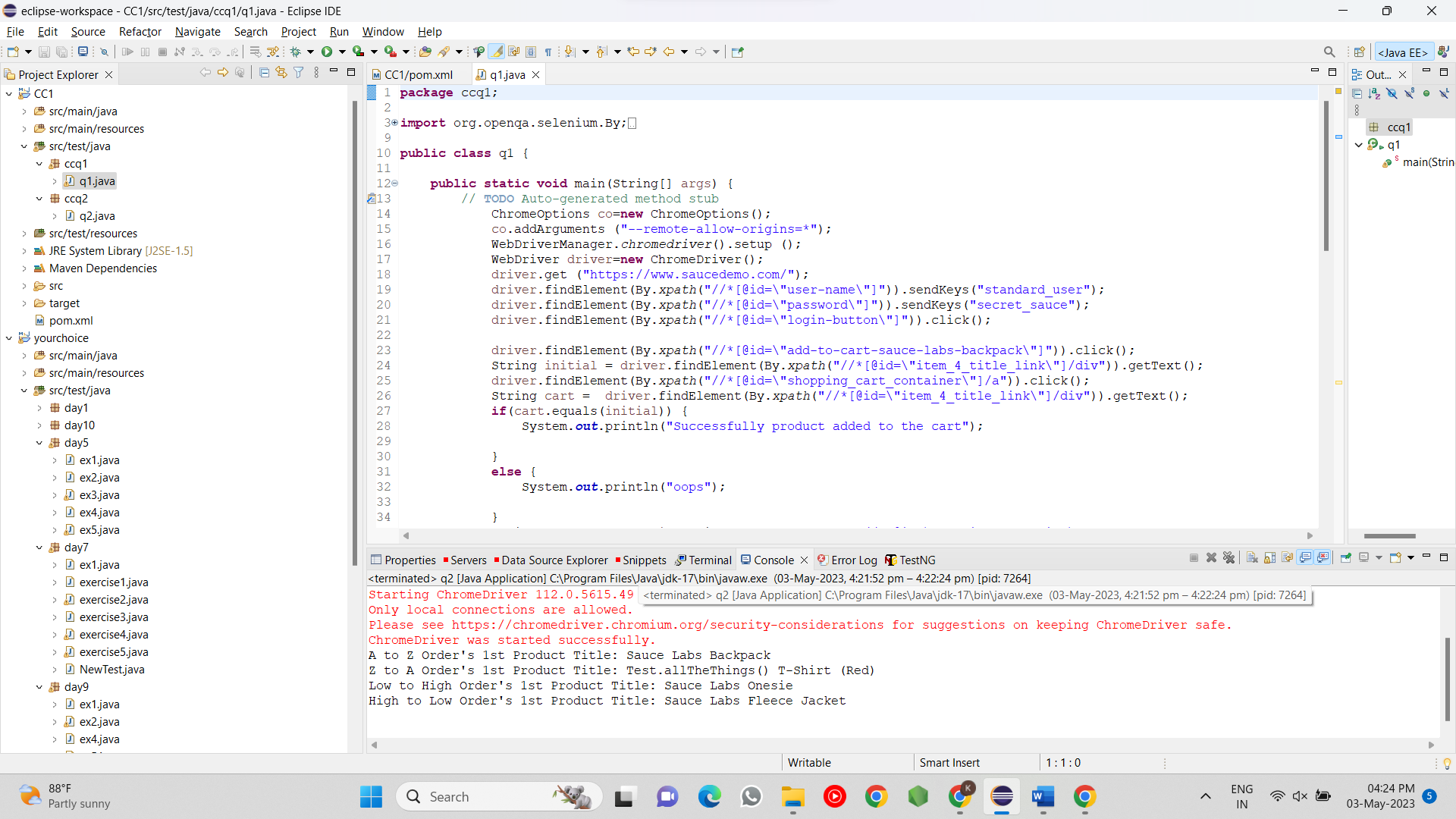
</dependency>

</dependencies>

</project>

OUTPUT:





QUESTION 2:

**package** ccq2;

**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 {

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

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

ChromeOptions co=**new** ChromeOptions();

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

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

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);

}

}

Pom.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>SKCET</groupId>

<artifactId>yourchoice</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/com.aventstack/extentreports -->

<dependency>

<groupId>com.aventstack</groupId>

<artifactId>extentreports</artifactId>

<version>3.1.3</version>

</dependency>

<!-- https://mvnrepository.com/artifact/net.sourceforge.jexcelapi/jxl -->

<dependency>

<groupId>net.sourceforge.jexcelapi</groupId>

<artifactId>jxl</artifactId>

<version>2.6.12</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:

