

# CC1

## 1) Code:

```
package com.example.test;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;
import io.github.bonigarcia.wdm.WebDriverManager;
public class CC1 {
    public static void main(String[] args) throws Exception {
        WebDriver driver;
        WebDriverManager.edgedriver().setup();
        driver=new EdgeDriver();
        driver.get("https://www.saucedemo.com");
        driver.manage().window().maximize();
        WebElement username = driver.findElement(By.id("user-name"));
        username.sendKeys("standard_user");
        WebElement password = driver.findElement(By.id("password"));
        password.sendKeys("secret_sauce");
        password.submit();
        WebElement addToCartButton =
driver.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-labs-backpack\"]"));
        addToCartButton.click();
        WebElement cartIcon = driver.findElement(By.className("shopping_cart_link"));
        cartIcon.click();
        WebElement cartItem =
driver.findElement(By.xpath("//div[@class='cart_item'][1]//div[@class='inventory_item_name']"));
        String cartItemName = cartItem.getText();
        System.out.println("Cart item name: " + cartItemName);

        // Proceed to checkout
        WebElement checkoutButton = driver.findElement(By.id("checkout"));
        checkoutButton.click();
        WebElement checkoutInfoTitle = driver.findElement(By.className("title"));
        String checkoutInfoTitleText = checkoutInfoTitle.getText();
        if (checkoutInfoTitleText.equals("Checkout: Your Information")) {
            System.out.println("Checkout information form is displayed");
        } else {
            System.out.println("Checkout information form is not displayed");
        }
        WebElement firstNameField = driver.findElement(By.id("first-name"));
```

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        firstNameField.sendKeys("Ranjith");
        WebElement lastNameField = driver.findElement(By.id("last-name"));
        lastNameField.sendKeys("Kumar");
        WebElement postalCodeField = driver.findElement(By.id("postal-code"));
        postalCodeField.sendKeys("123456");
        WebElement continueButton =
driver.findElement(By.xpath("//input[@type='submit']"));
        continueButton.click();
        WebElement productOverviewTitle = driver.findElement(By.className("title"));
        String productOverviewTitleText = productOverviewTitle.getText();
        if (productOverviewTitleText.equals("Checkout: Overview")) {
            System.out.println("Product overview is displayed");
        } else {
            System.out.println("Product overview is not displayed");
        }
        WebElement productPrice =
driver.findElement(By.xpath("//div[@class='inventory_item_price']"));
        String productPriceText = productPrice.getText();
        System.out.println("Product price: " + productPriceText);

        // Assert the title and URL of the page
        String expectedTitle = "Swag Labs";
        String expectedUrl = "https://www.saucedemo.com/checkout-step-two.html";
        String actualTitle = driver.getTitle();
        String actualUrl = driver.getCurrentUrl();
        if (actualTitle.equals(expectedTitle)) {
            System.out.println("Title assertion passed");
        } else {
            System.out.println("Title assertion failed");
        }
        if (actualUrl.equals(expectedUrl)) {
            System.out.println("URL assertion passed");
        } else {
            System.out.println("URL assertion failed");
        }
        Thread.sleep(3000);
        driver.quit();
    }
}

```

**Output:**

Swag Labs

Checkout: Overview

QTY	Description
1	<div> <div>Sauce Labs Backpack</div> <div>carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequaled laptop and tablet protection.</div> <div>\$29.99</div> </div>

Payment Information

SauceCard #31337

Shipping Information

Free Pony Express Delivery!

Price Total

Item total: \$29.99

Tax: \$2.40

Total: \$32.39

Cancel

Finish

```

1 package com.example.test;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.WebElement;
5 import org.openqa.selenium.edge.EdgeDriver;
6 import io.github.bonigarcia.wdm.WebDriverManager;
7 public class CC1 {
8     public static void main(String[] args) throws Exception {
9         WebDriver driver;
10        WebDriverManager.edgedriver().setup();
11        driver=new EdgeDriver();
12        driver.get("https://www.saucedemo.com/checkout-step-one.html");
13        driver.manage().window().maximize();
14        WebElement username = driver.findElement(By.id("user-name"));
15        username.sendKeys("standard user");
16        WebElement password = driver.findElement(By.id("password"));
17        password.sendKeys("secret_sauce");
18        password.submit();
19        WebElement addToCartButton = driver.findElement(By.xpath("//div[@id='add-to-cart-sauce-labs-backpack']"));
20    }
21 }

```

```

-terminated> CC1 [Java Application] C:\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (03-May-2023, 3:53:54 pm - 3:54:13 pm) [pid: 20072]
Only local connections are allowed.
Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge WebDriver safe.

Microsoft Edge WebDriver was started successfully.
Cart item name: Sauce Labs Backpack
Checkout information form is displayed
Product overview is displayed
Product price: $29.99
Title assertion passed
URL assertion passed

```

## 2) Code:

```

package com.example.test;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;
import io.github.bonigarcia.wdm.WebDriverManager;

```

```
public class CC1_2 {
    public static void main(String[] args) throws Exception {
        WebDriverManager.edgedriver().setup();
        WebDriver driver=new EdgeDriver();
        driver.manage().window().maximize();
        Thread.sleep(3000);
        driver.get("https://www.saucedemo.com/");
        WebElement fn=driver.findElement(By.name("user-name"));
        WebElement ln=driver.findElement(By.name("password"));
        fn.sendKeys("standard_user");
        ln.sendKeys("secret_sauce");
        Thread.sleep(3000);
        driver.findElement(By.xpath("//*[@id=\"login-button\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[1]")).click();
        Thread.sleep(3000);
        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();
        Thread.sleep(3000);
        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[1]")).click();
        WebElement k=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div"));
        System.out.println("Product Name from A-Z: "+k.getText());
        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();
        WebElement t=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div"));
        System.out.println("Product Name from Z-A: "+t.getText());
        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();
        Thread.sleep(3000);
        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();
        Thread.sleep(3000);
    }
}
```

```

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();
WebElement r=driver.findElement(By.xpath("//*[@id=\"item_2_title_link\"]/div"));
System.out.println("Product Price from lower-higher: "+r.getText());
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();
WebElement e=driver.findElement(By.xpath("//*[@id=\"item_5_title_link\"]/div"));
System.out.println("Product Price from higher-lower: "+e.getText());
}
}

```

## Output:

The screenshot shows the Eclipse IDE with a Java project named 'CSE1'. The code in the editor is a Selenium script that interacts with a web application. The console output shows the results of the script execution, including the product name and price for different items.

```

CSE1\src\main\java\com\example\test\CC1_2.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer
src/main/java
  com.example.DS
  com.example.demo
  com.example.test
    CC1_2.java
    CC1.java
src/main/resources
src/test/java
  com.example.D7
  com.example.D7C2
  CC
  D10_report5
  D10C123
  D7C1
  D7T11
src/test/resources
  JRE System Library (J2SE-1.5)
  Maven Dependencies
  TestNG
  src
  target
  test-output
  pom.xml
  day12
  First
  login
  Loginup
  Servers
D10C123.java
D10_report5
D10_report5.java
CC
DST1.java
CC1.java
CC1_2.java
31 WebElement r=driver.findElement(By.xpath("//*[@id=\"item_2_title_link\"]/div));
32 System.out.println("Product Name from Z-A: "+r.getText());
33 driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).click();
34 driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[3]")).click();
35 Thread.sleep(3000);
36 driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).click();
37 driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[4]")).click();
38 Thread.sleep(3000);
39 driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).click();
40 driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[3]")).click();
41 WebElement r=driver.findElement(By.xpath("//*[@id=\"item_2_title_link\"]/div"));
42 System.out.println("Product Price from lower-higher: "+r.getText());
43 driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select")).click();
44 driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[4]")).click();
45 WebElement e=driver.findElement(By.xpath("//*[@id=\"item_5_title_link\"]/div"));
46 System.out.println("Product Price from higher-lower: "+e.getText());
47 }
48 }
49
Console
terminated: CC1_2 [Java Application] Checkpoint plugin: org.eclipse.jdt.openjdk.hotspot.re.full.win32.x86_64.17.0.4.v20220903.1030 (webview: java.exe (03-May-2023, 4:22:14 pm) [pid: 16788])
To submit feedback, report a bug, or suggest new features, please visit https://github.com/MicrosoftEdge/EdgeWebDriver
Only local connections are allowed.
Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge WebDriver safe.
Microsoft Edge WebDriver was started successfully.
Product Name from A-Z: Sauce Labs Backpack
Product Name from Z-A: Test.allTheThings() T-Shirt (Red)
Product Price from lower-higher: Sauce Labs Onesie
Product Price from higher-lower: Sauce Labs Fleece Jacket
Properties Servers Data Source Explorer Snippets TCP/IP Monitor Results of running class D10_report5
Search:
Passed: 0 Failed: 0 Skipped: 0 Tests: 0/0, Methods: 0
5:44:181

```


Swag Labs

https://www.saucedemo.com/inventory.html

Microsoft Edge is being controlled by automated test software.

Swag Labs

Price (high to low)




Sauce Labs Fleece Jacket

It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.

\$49.99

Add to cart




Sauce Labs Backpack

carryallTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequaled laptop and tablet protection.

\$29.99

Add to cart




Sauce Labs Bolt T-Shirt

Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt.

\$15.99

Add to cart




Test.allTheThings() T-Shirt (Red)


This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton.

\$15.99

Add to cart



Sauce Labs Bike Light



Sauce Labs Onesie